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This drawing is to be used in conjunction with clients specifications, equipment requirements and structural engineer design.

**GENERAL NOTES:**

All electrical works to be in accordance with BS7671:2001, NICEIC & IEE Guidelines and approved document P of the current building regulations, where applicable.  
All electrical works are to be inspected, tested and fully certified and carried out under the Electricity at Work Regulations 1989.

Conventional wall mounted radiators to be provided. Radiators to be sized based upon the required energy performance and the heating system employed. To be confirmed by the M&E engineer. HSP drawing shows indicative positioning only.

All switches and sockets shall be located to comply with approved document M, section 8, diagram 29 of the current building regulations. All to be located within a range no lower than 450mm or higher than 1200mm from FFL. Specification for all switches and sockets to be confirmed by the client. For tender purposes please allow for standard white plastic.

All light fixtures and fittings to be mains operated and capable of taking low energy light bulbs. Light fittings to be specified by the client.

Mechanical extract to be in accordance with approved document F and M&E engineers details and specification.

All smoke and heat detectors to be mains operated with battery back-up to BS5446-1 and 2. They should be located a minimum of 300mm away from light fittings or any vertical surfaces.

Emergency lighting to be fully detailed and designed by specialist in accordance with BS5266-1:2005. HSP drawing is indicative only.

Fire alarm and detection system to be fully detailed and designed by specialist in accordance with BS5839-1.

Emergency signage to be fully detailed and designed by specialist in accordance with BS4999-1:2002 and 4:2003. Guidance given by the HSE, Safety Signs and Signals Guidance on Regulations, should also be referenced too.

Emergency Voice Communication (EVC) system and associated signage provision to be provided at the refuge point, in accordance with BS5839-9:2003. A warning system for people with impaired hearing to be provided in accordance with BS5839-1:2002.

To be read in conjunction with HSP Architects drawings numbers:  
7570\_04\_001 - Proposed plan  
7570\_04\_002 - Proposed sections  
7570\_04\_011 - Proposed door and window schedule (sheet 1)  
7570\_04\_012 - Proposed door and window schedule (sheet 2).

2021/10/15 - Rev. D: Kitchen ceiling & lighting amended to suit commercial kitchen design.  
2021/07/27 - Rev. C: Minor amends to accommodate drinking water taps in kitchen and additional wash basin in Male WC (2).  
2021/05/17 - Rev. B: Sockets in Kitchen relocated to accommodate relocation of dishwasher, as per client comments. Additional sockets shown in Kitchen.  
2021/04/27 - Rev. A: Radiator added in Disabled WC. Sockets relocated in Canteen & Kitchen to accommodate proposed layouts (see dwg no. 7570\_04\_013 Indicative Room Layout - Kitchen & 7570\_04\_014 Indicative Room Layout - Canteen).

Revision Notes:  
Drawing Status:

**BUILDING REGS**

**hssp**  
architects

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Melton Mowbray, LE13 0PB

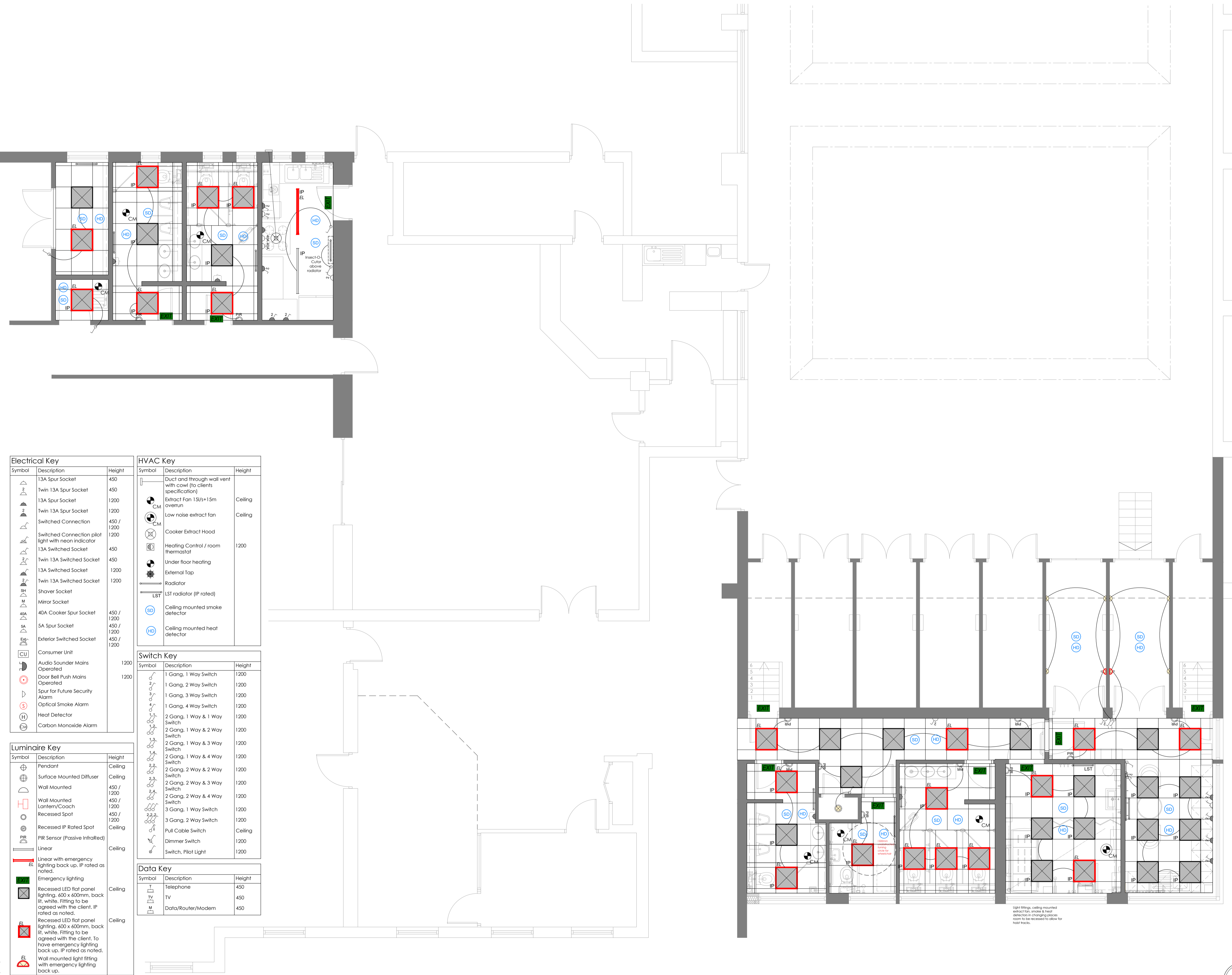
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Project:  
Proposed Internal Alterations  
Braunstone Civic Centre  
209 Kingsway, Braunstone  
for Braunstone Town Council

Title:  
Proposed Indicative Electrical layout

Scale:	1:50	Drawn:	KES	Checked:	-	Date:	April 2021
Drawing No:	7570_04_010	Revision:	D				

HSP A1



Symbol	Description	Height
△	13A Spur Socket	450
△	Twin 13A Spur Socket	450
△	13A Spur Socket	1200
△	Twin 13A Spur Socket	1200
△	Switched Connection	450 / 1200
△	Switched Connection pilot light with neon indicator	1200
△	13A Switched Socket	450
△	Twin 13A Switched Socket	450
△	13A Switched Socket	1200
△	Twin 13A Switched Socket	1200
△	Shaver Socket	1200
△	Mirror Socket	1200
△	40A Cooker Spur Socket	450 / 1200
△	5A Spur Socket	450 / 1200
△	Exterior Switched Socket	450 / 1200
CU	Consumer Unit	
AS	Audio Sounder Mains Operated	1200
AS	Door Bell Push Mains Operated	1200
AS	Spur for Future Security Alarm	
AS	Optical Smoke Alarm	
AS	Heat Detector	
AS	Carbon Monoxide Alarm	

Symbol	Description	Height
□	Duct and through wall vent with cow (to clients specification)	
CM	Extract Fan 15/s+1.5m overrun	Ceiling
CM	Low noise extract fan	Ceiling
CM	Cooker Extract Hood	
CM	Heating Control / room thermostat	1200
CM	Under floor heating	
CM	External Tap	
CM	Radiator	
CM	LST radiator (IP rated)	
SD	Ceiling mounted smoke detector	
HD	Ceiling mounted heat detector	

Symbol	Description	Height
SW	1 Gang, 1 Way Switch	1200
SW	1 Gang, 2 Way Switch	1200
SW	1 Gang, 3 Way Switch	1200
SW	1 Gang, 4 Way Switch	1200
SW	2 Gang, 1 Way & 1 Way Switch	1200
SW	2 Gang, 1 Way & 2 Way Switch	1200
SW	2 Gang, 1 Way & 3 Way Switch	1200
SW	2 Gang, 1 Way & 4 Way Switch	1200
SW	2 Gang, 2 Way & 2 Way Switch	1200
SW	2 Gang, 2 Way & 3 Way Switch	1200
SW	2 Gang, 2 Way & 4 Way Switch	1200
SW	3 Gang, 1 Way Switch	1200
SW	3 Gang, 2 Way Switch	1200
SW	Pull Cable Switch	Ceiling
SW	Dimmer Switch	1200
SW	Switch, Pilot Light	1200

Symbol	Description	Height
T	Telephone	450
TV	TV	450
M	Data/Router/Modem	450

Symbol	Description	Height
⊕	Pendant	Ceiling
⊕	Surface Mounted Diffuser	Ceiling
⊕	Wall Mounted	450 / 1200
⊕	Wall Mounted Lantern/Coach	450 / 1200
⊕	Recessed Spot	450 / 1200
⊕	Recessed IP Rated Spot	Ceiling
⊕	PIR Sensor (Passive InfraRed)	Ceiling
⊕	Linear	Ceiling
EL	Linear with emergency lighting back up, IP rated as noted.	
EL	Emergency lighting	
EL	Recessed LED flat panel lighting, 600 x 600mm, back lit, white. Fitting to be agreed with the client. IP rated as noted.	Ceiling
EL	Recessed LED flat panel lighting, 600 x 600mm, back lit, white. Fitting to be agreed with the client. To have emergency lighting back up, IP rated as noted.	Ceiling
EL	Wall mounted light fitting with emergency lighting back up.	

