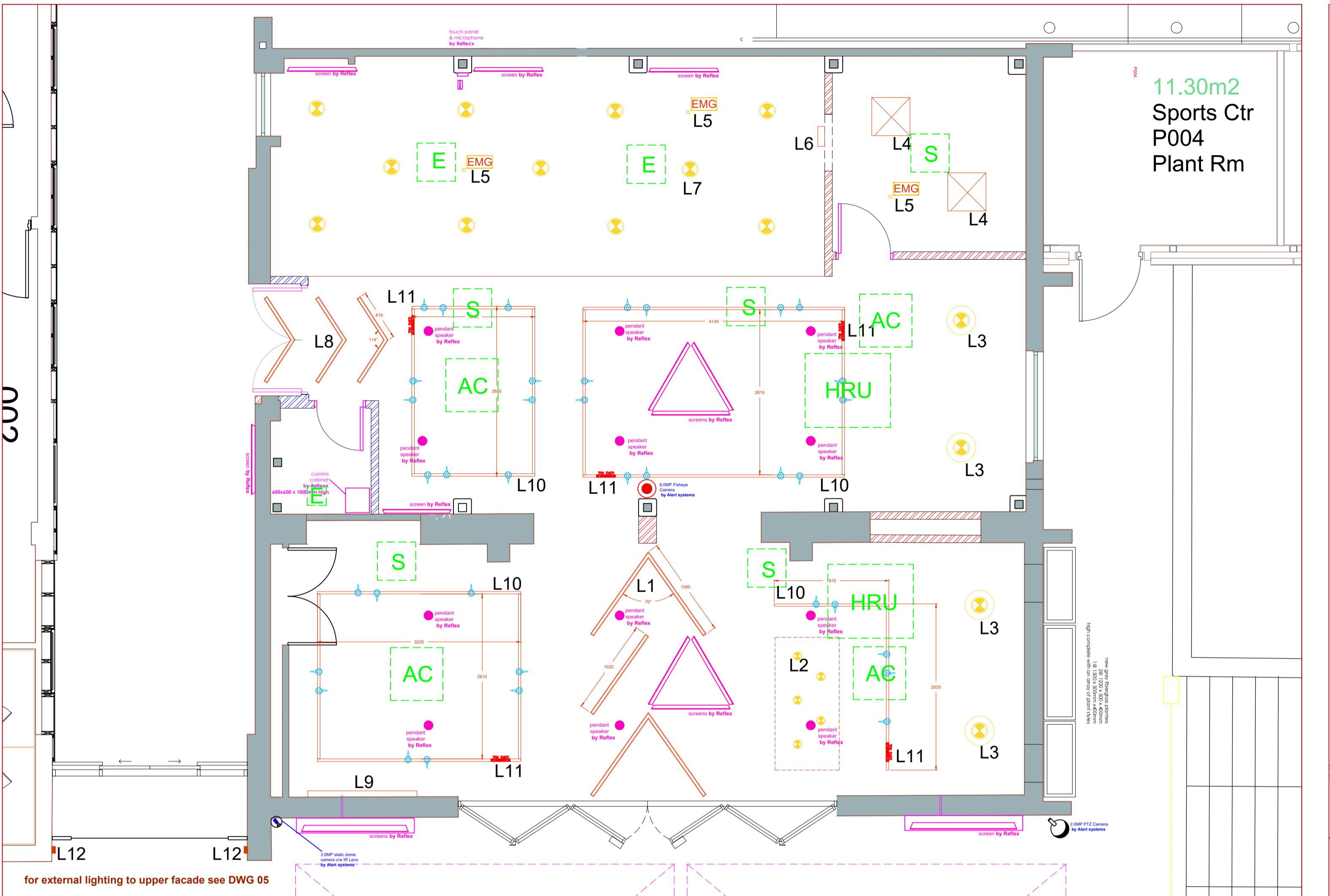


ITEM	COMMENTS	HEALTH AND SAFETY IMPLICATION	RISK
Cable Ties Used In Installation	Wherever possible electrical cables should not be allowed to trail over the floor. All cables and hoses should be left in a neat and tidy order.	Electrocution, tripping hazard, damage caused by other equipment running over cables.	High
Bypass Valves	Water Softeners should be fitted with bypass valves as to allow full use of the equipment being supplied during breakdowns and maintenance work.	Dishwashing by hand: poor sterilisation could lead to food poisoning.	Low
Softener Overflows	All water connected to water softeners, where an overflow exists, must be connected to a permanent waste outlet.	Flooding of overflow will cause damage to client property.	Medium

ITEM	COMMENTS	HEALTH AND SAFETY IMPLICATION	RISK
Commando Sockets	Where equipment is mobile electrical connections should be made via Commando sockets.	Best practice, assists with easy movement and cleaning of equipment.	Low
Safety Chain	Any flexible pipes fitted to gas appliances must be secured to a secure wall or floor mounting by suitably approved mobility restraints.	Non compliance with regulations, danger of gas leaks and explosion if gas hose or mountings are ruptured, death.	High
Fryers	Where fryers are located adjacent to ranges or at the end of a line of equipment, side screens will be fitted.	Injury to staff if water mixes with hot oil, this will result in splattering causing serious burns.	High

ITEM	COMMENTS	HEALTH AND SAFETY IMPLICATION	RISK
Grills	Do not locate grills over gas oven ranges, either solid top or open top.	Unit will overheat and deteriorate, operators can scald themselves on the handles, difficult for operator to reach rear hob, cold burn prevention.	Medium
Water Boilers	Boilers will be fitted with overflows or drained drip trays and taken to a grills.	Boilers causing damage to client property.	Medium
Structure	Commercial equipment is heavy. Attention should be given to equipment loading if installing above ground level. Customer to ensure that floors are strong enough to support weight when fully loaded.	Collapses of floor causing costly damage and possible loss of life. Also rupturing of services which could lead to fire and explosions.	High

ITEM	COMMENTS	HEALTH AND SAFETY IMPLICATION	RISK
Bench Mounted Grills	Where these units are mounted on benches, the following must be considered: 1. The bench to which it is to be mounted must have a suitable reinforced top. 2. If bench is mobile then safety chain should be supplied in order to protect services and prevent tipping.	The unit is top heavy and moving of item for cleaning could result in unit tipping over. Table should always be larger than the grills footprint by 50%. Casters must always be braked.	Medium
Structure	Commercial equipment is heavy. Attention should be given to equipment loading if installing above ground level. Customer to ensure that floors are strong enough to support weight when fully loaded.	Collapses of floor causing costly damage and possible loss of life. Also rupturing of services which could lead to fire and explosions.	High



## CO-ORDINATED CEILING DRAWING

KEY	LIGHTING SPECIFICATION	SUPPLIER
L1	LARGE ARROW LIGHTS & STRIP 2no. Bespoke LED suspended Arrow lights in black with opaque capping suspended from ceiling on black metal rods.	ILLUMINATION LIGHTING
L2	PENDANT LIGHTS DROPPED THROUGH RAFT 6no. individual pendant light sets - 2m black fabric cable, black ceiling rose, with old english lamp holder complete with LED vintage style 7.5 watt lamp - NOTE: raft by others	GLOWLIGHTING
L3	FEATURE PENDANT LIGHT 4no. Bespoke 'bridge' style pendant lights in matt black industrial metal pendant light, with 2m black cable, black ceiling rose and English lamp holder complete with LED vintage style 7.5 watt lamp, base to be enclosed by wire cage	ILLUMINATION LIGHTING
L4	KITCHEN LIGHT FITTINGS 2no. IMPERVA - IMPR610, IMPR, PULL-UP, 600x600, 5136lm, IP65, OPAL, colour 84 4000K, 14.4Watts, 134.1lm/W	DEXTRA LIGHTING
L5	EMERGENCY LIGHT FITTINGS - COUNTER & KITCHEN 3no. LED4R MAX LS3, LED4R, Lithium batteries, non-maintained, self-test emergency, 3 hour, white finish, 2.0 watts	DEXTRA LIGHTING
L6	BESPOKE LIGHT BOX 1no. Wall mounted 'on air' illuminated LED light box, with black box frame with red acrylic inlay with white opaque lettering - 315 x 110 x 110mm	ILLUMINATION LIGHTING
L7	RECESSED DOWNLIGHTS TO MF CEILING 1no. BTEC Large - BTEC22 - BTEX LARGE, 220mm diameter, 1951 lm, Colour84 (600K), 14.4Watts, 134.1lm/W	DEXTRA LIGHTING
L8	SMALL ARROW LIGHTS 2no. LED suspended Arrow lights in black with opaque capping suspended from ceiling on black metal rods	ILLUMINATION LIGHTING
L9	BESPOKE NEON SIGN Bespoke wall mounted Neon sign "this must be the place" overall dimensions 1000 x 800mm	ILLUMINATION LIGHTING
L10	TRACK LIGHTING 3 circuit track suspended. Note wired as a single circuit suspended in a triangular configuration for Track 1-4 Track 1 - 2415mm x 2605mm Track 2 - 2415mm x 2615mm Track 3 - 2415mm x 2605mm Track 4 - 1 shape configuration - 1815 x 2636mm Tracks to be in black finish	DEXTRA LIGHTING
L11	EMERGENCY TRACK LIGHTING 3no. EX-ETR4R MAX self-test, EXI track, Lithium batteries, Non-maintained, self-test emergency, 3 hour, black finish, 181 track w, Circuit watts 2.3W	DEXTRA LIGHTING
L12	EXTERNAL VERTICAL LED WALL LIGHT SCONCE 2no. 80cm black powder coated fitting with LED channel clw opaque capping	ILLUMINATION LIGHTING

KEY	HEATING & VENTILATION	SUPPLIER
E	Extract Grilles	Main contractor
AC	4 way blow air conditioning unit	Main contractor

KEY	CCTV SPECIFICATION	SUPPLIER
E	1no. 3.0MP Static dome camera c/w IR lens	ALERT SYSTEMS
AC	1no. MO Fisheye camera	ALERT SYSTEMS
HRU	1no. MO PTZ camera	ALERT SYSTEMS

KEY	AV SPECIFICATION	SUPPLIER
S	Pendant speaker	REFLEX
L	microphone on counter top	REFLEX
L	digital screens	REFLEX



Caveat: This drawing and any subsequent related drawings constitute an outline conceptual scheme only and may be subject to review after completion of a full structural, mechanical, electrical and fire safety assessment.  
No Local Authorities have yet been consulted regarding town planning, building control, emergency services, licensing and other relevant approvals, this scheme must be considered as possibly subject to consequent revision after this consultation process has been completed. Your attention is drawn to the risk assessment and individual design notes for the project identified at this stage to comply with current legislation.

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Do Not Scale From This Drawing.

All Dimensions To Be Confirmed On Site.

## PROPOSED CEILING DRAWING

KEY	SPECIFICATION	SUPPLIER	KEY	SPECIFICATION	SUPPLIER	KEY	SPECIFICATION	SUPPLIER
C1	FRONT OF HOUSE AREA Fully exposed ceiling to be achieved throughout, with exposed pipework and metal containment trays. Ceiling to be painted out in black side returns on existing light wells to be re-boarded and made good	ALP CONTRACTOR	C4	FRONT OF HOUSE AREA Fabricated suspended decorative raft with box frame, inlaid mesh panel all to be powder coated in Matt black	ALP CONTRACTOR	C5	ENTRANCE LOBBY New CASOLINE MF suspended ceiling system to be provided underdriven with 12.5mm Fireline board. MF ceiling height to tie in with existing ceiling height in this area	ALP CONTRACTOR
C2	ABOVE COUNTER AREA New CASOLINE MF suspended ceiling system to be provided underdriven with 12.5mm Fireline board. With 600 x 600mm access hatches locations to be confirmed. MF ceiling to be dropped 600mm lower than structural soffit. Ceiling to be finished ready to receive decoration	ALP CONTRACTOR						
C3	PREP AREA TVA clearane 600mm x 600mm white plastic faced suspended ceiling tiles set into a ZENTIA Prelude 24 TLS exposed 24mm grid system	ALP CONTRACTOR						

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**ALP** AGGORΑ  
LOCKHART  
PROJECTS

CLIENT: Brunel University - sports centre cafe

Drawing Title: Lighting & Ceiling Drawing

Scale @ ISO A1 : 1:50 Drawn By : JHR  
Drawing Number : AGJ1068 - 06 Revision : H Date : 24.08.22

Drawing Status : Preliminary Information Approvals As Fitted / Built

H	Further to planning advise, external speakers have been omitted from the scheme	06.09.23	JHR
G	Heating and ventilation grilles unit and diffusers added to co-ordination drawing	01.12.22	JHR
F	Base plan revised in accordance with GA rev L. Light fitting L8 quantity of fittings revised, L11 track	25.11.22	JHR
E	CCTV camera design/specification revised in accordance with Universities Security team sketch	23.11.22	JHR
D	Lighting specification revised and where possible noted as preferred supplier	11.11.22	JHR
C	CCTV cameras added to the drawing, item 12 light fitting added	31.10.22	JHR
B	Lighting design adjusted to suit AV requirements	26.09.22	JHR
A	Specification of light fittings added to the drawing	19.09.22	JHR

Accepting Signature:	
Print Name:	
Company:	
Date:	
Drawing Approval:	