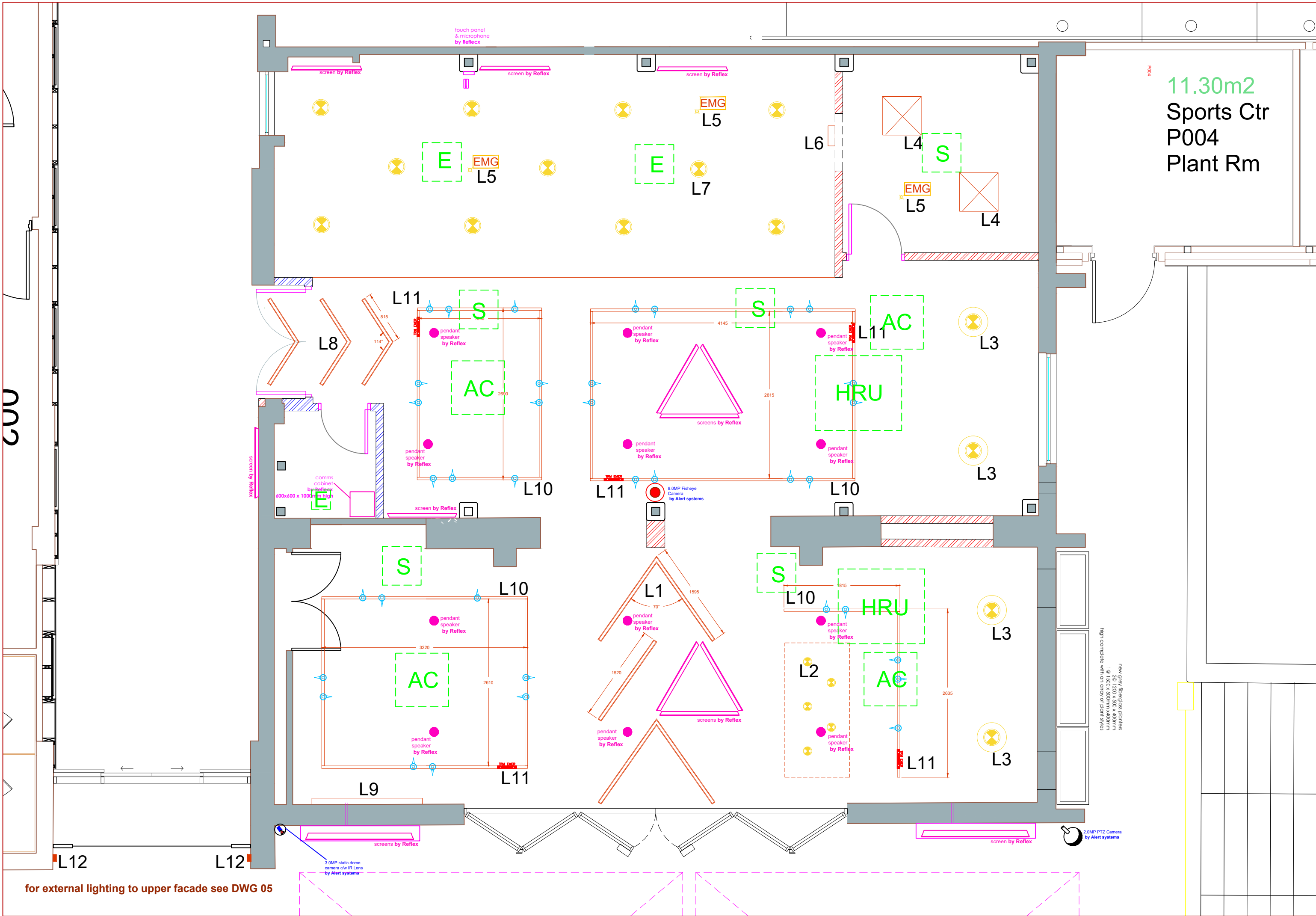


ITEM	COMMENTS	HEALTH AND SAFETY IMPLICATION	RISK	ITEM	COMMENTS	HEALTH AND SAFETY IMPLICATION	RISK	ITEM	COMMENTS	HEALTH AND SAFETY IMPLICATION	RISK	SPECIFICS RISK ASSESSMENTS AND REGISTER	ITEM	COMMENTS	HEALTH AND SAFETY IMPLICATION	RISK
Cable Ties Used In Installation	Wherever possible electrical cables 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	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	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 hobs, cold burn	Medium		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 suitably reinforced top 2. The bench must be right enough to support the grill 3. Fixings to make the safety chain should be applied in order to protect services and maintain safety	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%. Castors must always be braked.	Medium
Bypass Valves	Water Softeners should be fitted with bypass valves so as to allow full use of the equipment being supplied during breakdowns and maintenance work.	Denaturing by hand: poor sterilisation could lead to food poisoning.	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	Water Boilers	Boilers will be fitted with overflows or drained drip trays and taken to a safe level.	Flooding causing damage to client's 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.	Collapse of floor causing costly damage and possible loss of life. Also rupturing of services which could lead to fire and explosions.	High
Softener Overflows	All water connected water softeners, where an overflow exists, must be connected to a permanent waste outlet.	Flooding of overflow will cause damage to client property.	Medium	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	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.	Collapse 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. 1no. LED suspended channel 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	GLOW LIGHTING
L3	FEATURE PENDANT LIGHT 4no. Bespoke 'tower cage style' 460mm dia matt black industrial metal pendant light, with 2m cable, black holder rose old English lamp holder complete with LED vintage style 7.5 watt lamp, base to enclosed by wire cage	ILLUMINATION LIGHTING
L4	KITCHEN LIGHT FITTINGS 2no. IMPERIVA - IMPR60 L76, IMPR, PULL-UP, 600x 600, 5316lm, IP65, OPAL, colour 84 (4000K), 4x 12 watt, 1.8 LUGS W	DEXTRA LIGHTING
L5	EMERGENCY LIGHT FITTINGS - COUNTER & KITCHEN 3no. LEDAR NM3 L33 - LEDAR, 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 110x 110mm	ILLUMINATION LIGHTING
L7	RECESSED DOWNLIGHTS TO MF CEILING 11no. RPEC Large - RPEC22 - RPEC LARGE, 220mm diameter, 1951 lm, Colour84 (4000K), 14.6watts, 134 Llm/Cct W	DEXTRA LIGHTING
L8	SMALL ARROW LIGHTS 2no. LED suspended Arrow lights in black with opaque capping suspended from ceiling on black metal rods 1no. LED ceiling fixed arrow light in black with opaque capping	ILLUMINATION LIGHTING
L9	BESPOKE NEON SIGN Bespoke wall mounted Neon sign 'this must be the place' overall dimensions 1730 x 800mm	ILLUMINATION LIGHTING
L10	TRACK LIGHTING 3 circuit track suspended. Note wired as a single circuit suspended in rectangular configuration for Track L4, L4 Track 1 - 2470 x 2895mm Track 2 - 4145 x 2615mm Track 3 - 3220 x 2610mm Track 4 - L shaped configuration - 1815 x 2635mm Tracks to be in black finish SPOTS Cools 70 black - COOL70 L20 C30 BL GB - cools 70, 1940lm, colour temperature 3000K (warm white) black body, colour CQS 35, 3.7 Watts, 98 Llm/Cct W	DEXTRA LIGHTING
L11	EMERGENCY TRACK LIGHTING 5no. EXI ETRK M43 self-test, EXI track, Lithium batteries, Non-maintained, self-test emergency 3 hour, black finish, 181 lm/cct, 2.0watts, 2.3W	DEXTRA LIGHTING
L12	EXTERNAL VERTICAL LED WALL LIGHT SCOSCE 2no. 80cm black powder coated fitting with LED channel c/w opaque capping	ILLUMINATION LIGHTING

KEY	HEATING & VENTILATION	SUPPLIER
E	Extract Grilles	Main contractor
AC	4 way blow air conditioning unit	Main contractor
HURU	Heat recovery unit	Main contractor
S	Supply air diffuser	Main contractor



L9

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

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

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-bordered and made good	ALP CONTRACTOR	C4	FRONT OF HOUSE AREA fabricated suspended decorative raft with box frame, insayed mesh panel all to be powder coated in Matt black paint. Ceiling to be suspended from ceiling on metal wires	ALP CONTRACTOR	C5	ENTRANCE LOBBY New CASOLINE MF suspended ceiling system to be provided underdrawn with 12.5mm Frame board. MF ceiling height to be in with existing ceiling height in this area	ALP CONTRACTOR
C2	ABOVE COUNTER AREA New CASOLINE MF suspended ceiling system to be provided underdrawn with 12.5mm Frame board. With 600 x 600mm access hatch locations to be confirmed. MF ceiling to be drop down 400mm lower than structural soffit. Ceiling to be finished ready to receive decoration	ALP CONTRACTOR						
C3	PREP AREA TVA decorative 600mm x 600mm white plastic faced suspended ceiling tiles set into a ZENITA Preclude 24 TLD exposed 24mm grid system	ALP CONTRACTOR						

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Caveat: This drawing and any subsequent related drawings constitute an outline conceptual scheme only and may be subject to revision after completion of a full measured and structural survey and appraisal.
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.

Revision:	Description:	Date:	Rev By:

Revision:	Description:	Date:	Rev By:
H	Further to planning advise, external speakers have been omitted from the scheme	06.09.23	JHR
G	Heating and ventilation grilles units 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 size reduced. Ceiling layout also revised to suit.	25.11.22	JHR
E	CCTV camera design/specification revised in accordance with Universities Security team sketch	11.11.22	JHR
D	Lighting specification revised and where possible noted as preferred supplier	31.10.22	JHR
C	CCTV cameras added to the drawing, Item 12 light fitting added	26.09.22	JHR
B	Lighting design adjusted to suit AV requirements	19.09.22	JHR
A	Specification of light fittings added to the drawing		

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

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