LIGHTING CONTROL LEGEND:

ROOM NAME	ROOM No.	LIGHTING CONTROL
TREATMENT	GF01	ABSENCE DETECTION
TREATMENT	GF02	ABSENCE DETECTION
TREATMENT	GF03	ABSENCE DETECTION
CONSULTING	GF04	ABSENCE DETECTION
RECEPTION	GF05	ABSENCE DETECTION
ADMIN	GF06	ABSENCE DETECTION
QUIET ROOM	GF07	ABSENCE DETECTION
ADMIN OFFICE	GF08	ABSENCE DETECTION
MINOR SURGERY	GF09	MANUAL ON OFF
LOCKER	GF10	MANUAL ON OFF
WAITING	GF11	MOTION PIR ON OFF
GYM	GF12	MANUAL ON OFF
GYM WAITING AREA	GF12a	MANUAL ON OFF
PHYSIO	GF13	MANUAL ON OFF
PHYSIO	GF14	MANUAL ON OFF
CHANGING ROOMS	GF15	ABSENCE DETECTION
BABY CHANGE	GF17	MOTION PIR ON OFF
STORE	GF18	MANUAL ON OFF
STAFF PUBLIC WC	GF19	MOTION PIR ON OFF
MALE WC	GF20	MOTION PIR ON OFF
FEMALE WC	GF21	MOTION PIR ON OFF
STORE UTILITY	GF22	MANUAL ON OFF
STORE UTILITY	GF23	MANUAL ON OFF
WAITING CIRCULATION	GF24	MOTION DAYLIGHT LINKED PIR
WAITING CIRCULATION	GF25	MOTION DAYLIGHT LINKED PIR
WAITING CIRCULATION	GF26	MOTION DAYLIGHT LINKED PIR
STAIR 2	GF28	MOTION PIR ON OFF
STAIR 4	GF29	MOTION PIR ON OFF
DISABLED WC	GF31	MOTION PIR ON OFF
ADMIN	GF32	ABSENCE DETECTION
DISABLED WC	GF33	MOTION PIR ON OFF
RECOVERY	GF34	ABSENCE DETECTION

MANUAL ON OFF:

COMPRISES A WALL MOUNTED LIGHTING SWITCH THAT IS MANUALLY SWITCHED ON AND OFF.

MANUAL DIMMING:

COMPRISES A WALL MOUNTED LIGHTING SWITCH THAT IS MANUALLY SWITCHED ON AND OFF WITH A ROCKER TYPE DIMMING FACILITY

ABSENCE DETECTION:

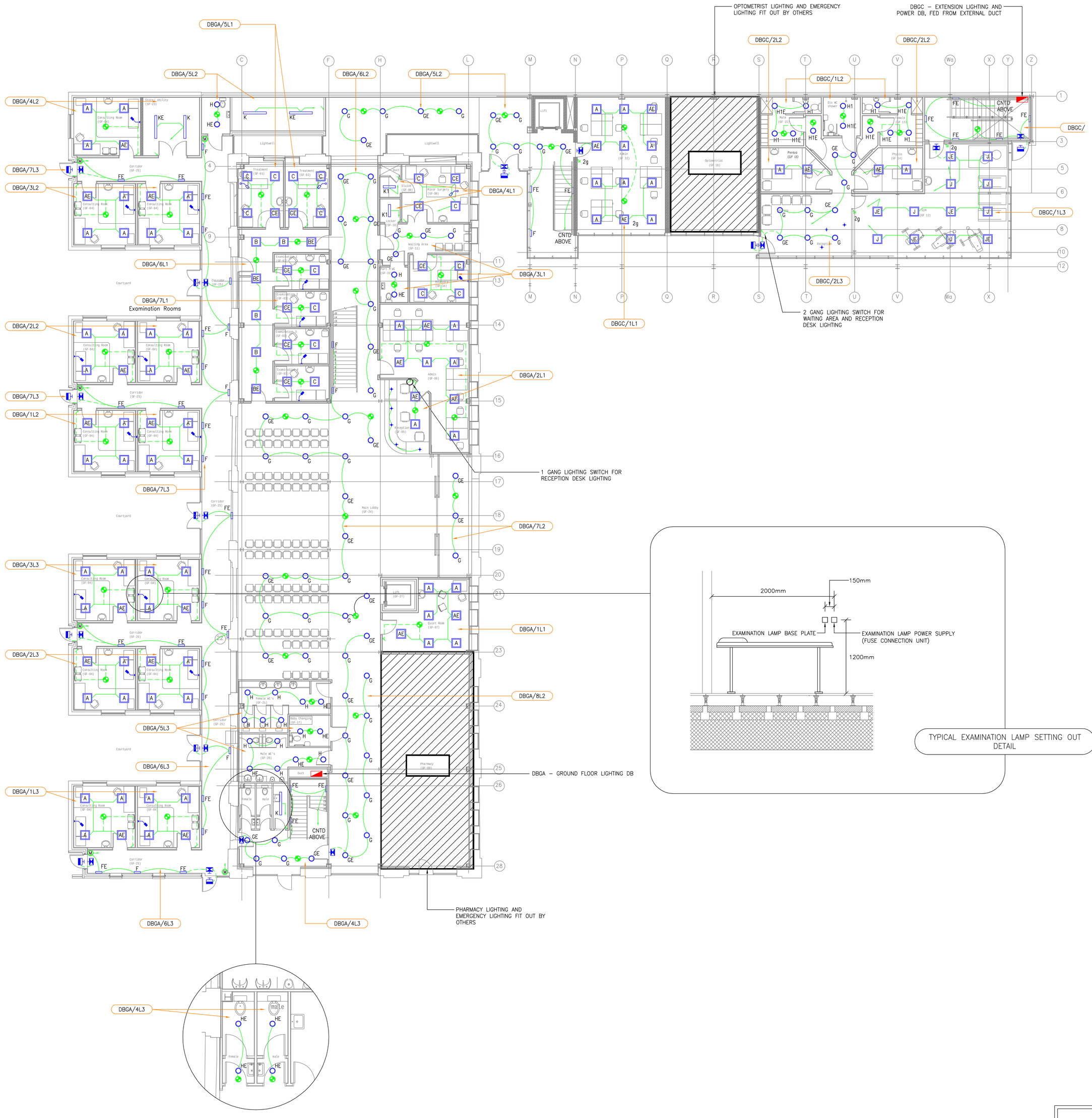
WHEN THE ROOM IS ENTERED THE LUMINAIRES SHALL BE SWITCHED ON VIA A MANUAL LIGHTING SWITCH IF ILLUMINATION IS REQUIRED. WHEN THE ROOM IS LEFT THE USER MAY TURN OFF THE LUMINAIRES BUT IF THEY FORGET A CEILING MOUNTED PASSIVE INFRA RED MOTION SENSOR TURNS THE LUMINAIRES OFF WHEN NO MOVEMENT IS DETECTED AFTER A SET TIME. UPOM RE-ENTERING THE ROOM IF THE LUMINAIRES ARE OFF THEY MUST ONCE AGAIN BE ACTIVATED BY THE MANUAL SWITCH.

MOTION PIR ON OFF:

COMPRISES A CEILING MOUNTED PASSIVE INFRA RED MOTION SENSOR THAT TURNS THE LIGHTS ON WHEN MOVEMENT IS DETECTED. AFTER A SET PERIOD OF TIME THE LUMINAIRES WILL TURN OFF UNTIL FURTHER MOVEMENT IS SENSED AND WILL THEN AGAIN TURN THE LUMINAIRES ON.

MOTION DAYLIGHT LINKED PIR:

COMPRISES A CEILING MOUNTED PASSIVE INFRA RED MOTION SENSOR THAT TURNS THE LUMINAIRES ON WHEN MOVEMENT IS DETECTED. AFTER A SET PERIOD OF TIME THE LUMINAIRES WILL TURN OFF UNTIL FURTHER MOVEMENT IS SENSED AND WILL THEN AGAIN TURN THE LUMINAIRES ON. THE PIR SHALL BE DAYLIGHT LINKED TO ONLY TURN THE LUMINAIRES ON IF INSUFFICIENT DAYLIGHT IS AVAILABLE WITHIN THE AREA.



TYPICAL EXAMINATION LAMP SETTING OUT DETAIL

ALL WORKS SHALL BE CARRIED OUT IN ACCORDANCE WITH B.S.7671, LANDLORDS TERMS AND CONDITIONS AND ALL VALID LEGISLATION.

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NOTES:

1. This drawing shall be read in conjunction with Arcobaleno Building Services Consulting Engineers Electrical Specification.
2. This drawing shall not be used as a working drawing. All scaled dimensions shall be verified on site.
3. For architectural and structural details please refer to appropriate specialist drawings

LEGEND:

A 2 x 24W T5 fluorescent 600 x 600mm modular luminaire complete with high frequency control gear and LG7 diffuser

B 3 x 14W T5 fluorescent 600 x 600mm modular luminaire complete with high frequency control gear and opal polycarbonate diffuser

C 4 x 14W T5 fluorescent 600 x 600mm modular luminaire complete with high frequency control gear and clear toughened glass diffuser

F 2 x 24W T5 fluorescent wall mounted luminaire complete with high frequency control gear and direct / indirect diffuser

G 2 x 17W ECO PLR fluorescent lamp recessed downlight complete with high frequency control gear and direct lighting source

H 1 x 17W ECO PLR fluorescent lamp recessed downlight complete with high frequency control gear and direct lighting source

H1 1 x 17W ECO PLR fluorescent lamp recessed downlight complete with high frequency control gear and IP44 glass diffuser

J 4 x 14W T5 fluorescent 600 x 600mm modular luminaire complete with high frequency control gear and opal polycarbonate diffuser

K 1 x 55W T5 fluorescent linear luminaire complete with high frequency control gear and IP65 polycarbonate diffuser

K1 1 x 14W T5 fluorescent linear luminaire complete with high frequency control gear and IP65 polycarbonate diffuser

Recessed decorative LED downlight mounted abopve reception desks, style and type to be agreed with client

Wall mounted "examination lamp" type and style as detailed within Arcobaleno's electrical design tender specification

Ceiling mounted "examination lamp" type and style as detailed within Arcobaleno's electrical design tender specification

Suffix E Denotes 3 hour emergency conversion battery back up to main luminaire

3 hour maintained surface mounted emergency luminaire complete with appropriate exit signage legend

3 hour non maintained surface mounted emergency luminaire complete with IP65 polycarbonate diffuser

Wall mounted one way lighting swicth, mounted 1100mm AFFL unless otherwise stated, N denotes No. of gangs

Wall mounted two way lighting swicth, mounted 1100mm AFFL unless otherwise stated, N denotes No. of gangs

Ceiling recessed lighting control PIR

Ceiling/wall mounted microwave lighting control

REV	REASON FOR REVISION	DR	A/P	DATE
T1	Drawing issue for Tender	CJ	KB	22-03-1
A1	Drawing issue for approval	CJ	KB	01-03-1
P1	Preliminary drawing issue for approval & comment	CJ	KB	24-10-1

Client:

VERLANE

Project:

STOURBRIDGE LION MEDICAL CENTRE

Title:

PROPOSED GROUND FLOOR LIGHTING AND EMERGENCY LIGHTING LAYOUT

Arcobaleno | Consulting Engineers
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E-Mail - info@absuk.org

Project No:	Drawing No:	Rev:
ABS/12/003	00(63)001	T1

Date:	Scale@A0:
OCTOBER 2012	1:100

Drawn	Approved
C JONES	K BAJWA

TENDER

A firm accreditted to BS EN ISO 9001 - 2000, Reg No. 2006/449