



**LIGHTING NOTES**

THE ELECTRICAL CONTRACTOR IS TO SUPPLY, INSTALL AND COMMISSION UNDER THE ELECTRICAL CONTRACT A SELF CONTAINED INDEPENDENT EMERGENCY LIGHTING INSTALLATION CONSISTING OF EITHER RECESSED OR SURFACE MOUNTED LUMINAIRES TO SUIT CEILING MAKE UP, 3 HOUR NON-MAINTAINED MICROPOINT LED DOWN LIGHTS CONNECTED TO THE LOCAL LIGHTING CIRCUITS. MAINTAINED RUNNING MAN SIGNS AND NON MAINTAINED RECESSED AND SURFACE MOUNTED LUMINAIRES (DEPENDANT ON CEILING MAKE-UP) WITH 10MIN, 1 HOUR AND 3 HOUR KEY SWITCH TESTING.

ALL LIGHT FITTINGS TO HAVE A MINIMUM 5 YEAR WARRANTY

THE EMERGENCY / ESCAPE LIGHTING INSTALLATION SHALL COMPLY IN FULL WITH THE REQUIREMENTS OF BS 5266-1: 2016, BS 1838: 2013

THE LIGHTING INSTALLATION SHALL COMPLY IN FULL WITH THE REQUIREMENTS OF BS 7671.

THE INTERNAL OVER DOOR EMERGENCY LUMINAIRES SHALL BE WIRED TO OPERATE WHEN LOCAL LIGHTING IS ON (MAINTAINED).

THE LIGHTING CONTROLS MANUFACTURER, WITH ASSISTANCE FROM THE ELECTRICAL CONTRACTOR SHALL CARRY OUT THE COMMISSIONING OF THE SYSTEM.

EACH EMERGENCY LUMINAIRE SHOULD BE COMPLETE WITH A STICK ON REFERENCE LABEL THAT SHOULD CORRELATE WITH THE AS INSTALLED RECORD DRAWINGS.

THE CEILING GRID LAYOUT IS INDICATIVE ONLY AND LIGHTING INSTALLATION SHOULD BE CO-ORDINATED FULLY WITH THE ENGINEER/INTERIOR DESIGNER PRIOR TO FIRST FIX INSTALLATION

THE ELECTRICAL CONTRACTOR SHALL PROCURE, SUPPLY, INSTALL, TEST, COMMISSION AND SET TO WORK A COMPLETE, FULLY OPERATIONAL LIGHTING AND LIGHTING CONTROL SYSTEM, IN-LINE WITH THE ASPIRATIONS OF THE CLIENT AND DETAILS OF ALL DRAWINGS AND THE SPECIFICATION.

ALL LIGHTING SHALL HAVE CLEARANCE FROM ANY INSULATION AS HIGHLIGHTED WITHIN THE MANUFACTURES HAND BOOK.

THE LUMINAIRE HEAT DISSIPATING AREAS SHALL NOT HAVE THE AIR FLOW OBSTRUCTED IN ANY WAY.

ALL REFLECTORS, COVERS OR VISUAL AREAS SHALL BE CLEAN AND FREE FROM DIRT PRIOR TO LIGHTING LEVELS COMMISSIONED.

THE ELECTRICAL CONTRACTOR IS TO INCLUDE WITHIN THEIR TENDER ALL LUMINAIRES, ACCESSORIES, CLICK CEILING CONNECTORS, MOUNTING KITS AND POWER SUPPLIES WHERE NECESSARY COMPLYING TO CURRENT BUILDING REGULATIONS, SO AS TO ENSURE A COMPLETE AND OPERATIONAL INSTALLATION.

LOCATION OF ALL SWITCHING TO BE IN ACCORDANCE WITH BS 8300 AND BUILDING REGULATIONS APPROVED DOCUMENT M.

THE ELECTRICAL CONTRACTOR SHALL CARRY OUT THE TESTING AND COMMISSIONING OF THE EMERGENCY LIGHTING INSTALLATION IN ACCORDANCE WITH REQUIREMENTS OF BS 5266 - CODE OF PRACTICE FOR EMERGENCY LIGHTING AND SHALL PROVIDE THE NECESSARY DOCUMENTATION:

THE LIGHTING OPERATION TIMES SHALL BE CONFIRMED BY THE USER TO ALLOW FOR COMMISSIONING AND NECESSARY DEMONSTRATIONS OF CONTROLS.

ALL LIGHTING SPECIFIED IS IN ACCORDANCE WITH THE GUIDANCE CONTAINED IN REGARDS ENERGY EFFECTIVE LIGHTING DESIGN AND SPECIFICATION.

LIGHTING CONTROL TO ALL GUEST ROOMS IS VIA MANUALLY OPERATED SWITCHING AT THE ENTRANCE DOOR, BATHROOM AND BEDHEAD. IN ADDITION THE LIGHTING SHALL BE ENABLED VIA THE GUESTROOM KEYCARDS ENERGY SAVER SWITCH. THIS WILL ENABLE THE LIGHTING VIA A LIGHTING CONTACTOR LOCATED IN THE GUEST ROOMS RISER DISTRIBUTION BOARD.

THE ELECTRICAL CONTRACTOR IS TO INCLUDE FOR DIMMING AND MANUAL SCENE SET CONTROL LIGHTING TO PUBLIC SPACES INCLUDING RECEPTION/FOYER, BAR/RESTAURANT, MEETING ROOMS AND CONFERENCE FACILITIES ETC.

DIMMING CONTROLS AND INTERFACES SHALL BE SUPPLIED AND COMMISSIONED VIA MODE LIGHTING - TERRY DENMAN - 07885999212-TERRY.DENMAN@MODELIGHTIN.COM. REFER TO E606 TYPICAL DIMMING SCHEMATIC.

PUBLIC TOILETS - SWITCHED FROM RECEPTION  
STAFF TOILETS - PRESENCE DETECTION  
OFFICE - ABSENCE DETECTION AND MANUAL SWITCHING, HOA  
STORE ROOMS - PRESENCE DETECTION  
GUESTROOM CORRIDORS - APPROX 30% LIGHTING (ROOM NUMBER LIGHTS) SWITCHED VIA MANUAL SWITCHING AT RECEPTION WHICH WILL BE PERMANENTLY REMAIN SWITCHED ON. THE REMAINING LIGHTING SHALL BE CONTROLLED VIA MICROWAVE PRESENCE DETECTION WITH TIME DELAY TO SWITCH OFF AFTER NO DETECTION. TIME DELAY TO BE CONFIRM BY THE CLIENT PRIOR TO COMMISSIONING

EMERGENCY LIGHTING IS TO BE PROVIDED OUTSIDE AND NEAR EXITS (WITHIN 2 METERS), WITHIN THE REQUIRED EMERGENCY ALARM CALL POINTS TO CURRENT REGULATIONS AND WIRING SHALL MATCH THAT DESCRIBED FOR THE GENERAL LIGHTING INSTALLATION.

THE ELECTRICAL CONTRACT IS TO PROVIDE AN EXTERNAL LIGHTING INSTALLATION COMPRISING LED FEATURE LIGHTING AS INDICATED ON THE E700 SERIES DRAWINGS. ELECTRICAL INSTALLATION PROVISION IS ALSO TO BE PROVIDED FOR THE PROPOSED FACADE MOUNTED ILLUMINATED SIGNAGE AS INDICATED.

LIGHTING IS TO BE CONTROLLED VIA A TIME CLOCK/ PHOTOCELL FOR BOTH INTERNAL AND EXTERNAL ILLUMINATED SIGNAGE IN ACCORDANCE WITH REQUIREMENTS OF THE ILLUMINATED SIGNAGE SPECIALIST IN ADDITION ALL POWER AND CONTAINMENT PROVISIONS AND INSTALLATION ARE TO BE INCLUDED WITHIN THIS ELECTRICAL CONTRACT

ALL EXTERNAL LIGHTING IS TO BE ZONED SO THAT CERTAIN CIRCUITS CAN BE SWITCHED OFF AT PRE-DETERMINED TIMES TO PROVIDE A CURFEW PERIOD AS REQUIRED BY THE END USER.

**NOTE:**

REFER TO E700 SERIES DRAWINGS FOR EXTERNAL FACADE LIGHTING INSTALLATION AND ELECTRICAL CONTRACTORS RESPONSIBILITY IN REGARDS TO THE EXTERNAL ILLUMINATED HOTEL BAND SIGNAGE

- NOTES**
- NOTES DETAILED ON ALL DRAWINGS APPLY WHERE APPROPRIATE
  - THE FOLLOWING SYMBOLS DENOTE: -
    - PRESENCE DETECTOR
    - PRESENCE DETECTOR HOA - OVERRIDE SWITCH
  - PLEASE REFER TO THE ELECTRICAL SPECIFICATION FOR THE LUMINAIRE SCHEDULE

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|-----|----------|----------------------|----|-----|
| T2  | 18.09.19 | TENDER DESIGN UPDATE | LW | PON |
| T1  | APR 19   | TENDER ISSUE         | LW | PON |
| REV | DATE     | DESCRIPTION          | DR | CK  |

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DRAWING  
SERVICES INSTALLATION

GENERAL AND EMERGENCY LIGHTING INSTALLATION

FIRST FLOOR PLAN

DRAWING No./REVISION  
**3840/E101**

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