



EUROPA ELECTRICAL LIMITED

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PROJECT DATA SHEET

PROJECT REF:- 112801

PROJECT MANAGER

STEPHAN CURRAN

MAIN CONTRACTOR

J SEAMER & SONS

INITIAL BRIEFING

THE DESIGN AND INSTALLATION OF A NEW COMPLETE ELECTRICAL INSTALLATION TO NEWLY BUILT CASINO, INCORPORATING THE CASINO FLOOR, ARCADE MACHINE AREAS, HIGH STAKE POKER ROOMS, RESTAURANT, BAR, RECEPTION, CATERING KITCHEN AND EXTERNAL LIGHTING

PROGRAMME

16 WEEKS

COMPLETION DATE

COST

£180,000.00

THE PALACE CASINO, GREAT YARMOUTH. DESIGN AND INSTALL NEW ELECTRICAL INSTALLATION IN COMPLIANCE WITH THE CLIENTS BRIEF.

The designers B & S selected the team who they felt comfortable with assigning the design and installation work to. At this stage outline drawings were provided and discussed at a number of design team meetings. The designer outlined certain design criteria including any specific design items such as specialist lighting fittings, which in this case included a decorative chandelier, post mounted lamps to the main staircase and crystal type wall and ceiling fittings to the private dining room and card room.

A major factor in the design of the lighting installation in this instance has been the restricted ceiling voids, together with providing the correct lighting levels and choosing fittings that the designers are happy with. There are more than 600 lighting fittings installed on this project, the staff and administration areas are straight forward, standard high efficiency 600x600 recessed



modular lighting fittings installed in suspended ceiling grid type ceilings to achieve the correct lighting levels.

The lighting design was designed by Europa Electrical using a number of lighting fitting manufacturers; these were chosen from a number of catalogues having chosen the fitting types most suitable for this project.

The public areas have been provided with lighting fittings which are high frequency, low energy together with a number of directional display spot lights installed to illuminate the card tables and feature wall panels. All are controlled in zones and are dimmable to provide the client with a versatile lighting system. The lighting levels can be adjusted to suit the client's needs and therefore create a relaxing atmosphere.

It's worth noting at this point the correct level of lighting required over the gaming tables and areas where high definition is required to ensure

the security camera images are of the highest quality.

Signage and external feature lighting was provided and installed by a signage specialist to the design provided by B & S.

Special points of interest:

- All new lighting designed and installed to provide high levels above gaming tables and mood lighting in other areas
- New small power installed within new floor trunking system to allow for tables to be re positioned.
- New sub main distribution infrastructure was installed for the whole buildings electrical installation.
- All lighting through out the installation was controllable from central areas with the installation of dimming packs and multi gang switching

