

MEANS OF WARNING AND ESCAPE
ELECTRICAL INSTALLATION

All electrical installation to be in full accordance with the latest edition of BS:7671 Requirements for Electrical Installation (IEE Wiring Regulations 17th Edition) was published in January 2008, and should be carried out in accordance with current installation techniques applicable to the material and equipment being used. All electrical works shall also comply with the Building Regulations Part P.

Note that all cables which are covered or surrounded with thermal insulation to be de-rated in accordance with Appendix A of BRE Thermal Insulations: Avoiding Risks'2002 edition.

All down-lighters in ground floor ceiling voids are to be either boxed in with 12.5mm plasterboard or fitted with an incandescent cover to maintain half hour fire resistance.

Services and fittings within the roof space are to be protected from overheating. Lighting circuit cables to be 1.5sqmm minimum where within insulation – all other cable runs to be supported by and clipped to roof timbers and be kept clear of insulation.

Provision of additional light fittings, switches and power sockets to be determined on site.

Electrical installations should be inspected and tested during at the end of installation, before they are taken into services to verify that they are safe and that they comply with BS/671 : 2001. This report shall be signed by a competent person who should be a Corporate Member of the Institution of Electrical Engineers (IEE) or enrolled with the National Inspection Council for Electrical Installation Contracting or Electrical Contractors Association.

For extensions, material alterations and changes of use the installation must include:

Such works on the existing fixed electrical installations in the building as are necessary to enable the additions and alterations, the circuits which feed them, the protective measures and the relevant earthing and bonding systems to meet the requirements.

Establishing that the mains supply equipments is suitable.

All new switches and sockets to meet the requirement of the approved document part M.

EFFICIENCY LIGHT FITTINGS

Minimum of three energy efficient light fittings per 4 light fittings. Halls, stairs and landings count as one room but may contain more than one fitting. External light fittings will have

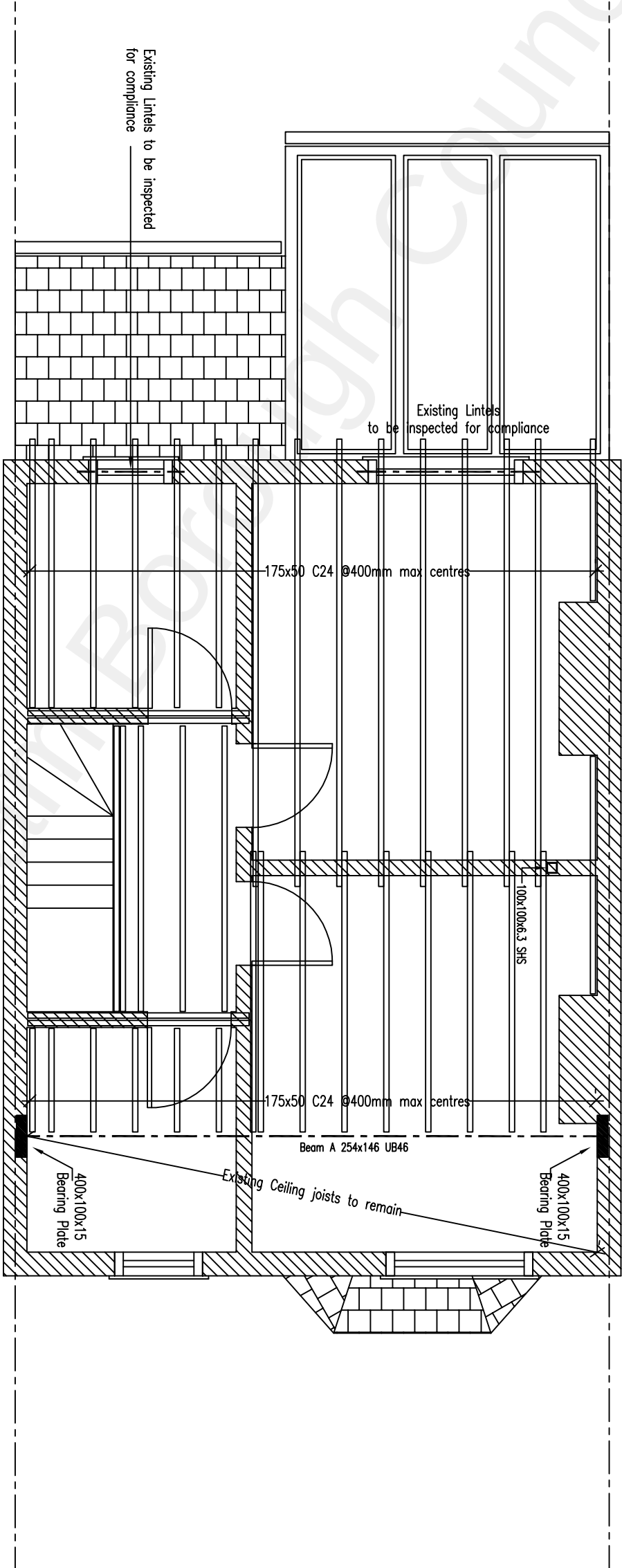
1. A lamp capacity of not greater than 100 watts per fitting and they will be fitted with daylight sensors.
2. A lamp efficiency greater than 45 lumens per circuit watt and that they will be fitted with movement and daylight sensors.

FIRE PROTECTION TO STRUCTURAL STEEL WORKS

New steelwork as shown on the plans to structural engineers details and calculations. All steelwork to be lined with 2 layers of 12.5mm fireline plasterboard with all joints staggered, seeded and topped. Where it is not possible to encase steelwork with plasterboard they should be coated with intumescent paint to achieve 30 minutes fire resistance.

LEAD WORKS

Minimum code 4 lead flashing to all lead works.



Proposed First Floor plan



Client		Drawing Title		Drawing No.		Revision	
Gursharan Singh 36 All Saints Road Northfleet Gravesend Kent DA11 8RN		Proposed First Floor Plan (Showing structure Over)		2171-009		00	
Description		Initial		Rev		Date	
This drawing is copyright and may not be reproduced or made use of unless expressly agreed by the Design Team		All dimensions must be checked on site.		Drawn By Raj Bhutti		Checked By	
				Coordinated By		Approved By	