



ELECTRICAL LEGEND

FITTINGS SHALL COMPLY WITH BS 5068 PART 2.

ALL ELECTRICAL WORK TO BE CARRIED OUT IN ACCORDANCE WITH THE CURRENT 17TH EDITION REGULATIONS AS ISSUED BY THE I.E.E. TO BS 7671 : 2008 BS 5422 : 2009

6.5.1 A MINIMUM OF 75% OF THE FIXED LIGHT FITTINGS AND LAMPS INSTALLED WITHIN A DWELLING SHOULD BE LOW ENERGY TYPE WITH A LUMINOUS EFFICIENCY OF AT LEAST 45 LUMENS / CIRCUIT WATT SUCH AS LED AND FLOURESCENT FITTINGS

4.8.5 THE NEW LIGHT SWITCHES REQUIRE TO BE FITTED AT A HEIGHT OF BETWEEN 900mm AND 1100mm ABOVE FLOOR LEVEL

OUTLETS AND CONTROLS OF ELECTRICAL FIXTURES AND SYSTEMS TO BE POSITIONED AT LEAST 350mm FROM ANY INTERNAL CORNER, STANDARD SWITCHED OR UNSWITCHED SOCKETS OUTLETS FOR OTHER SERVICES SUCH AS TELEPHONE AND TELEVISION SHOULD BE POSITIONED AT LEAST 400mm ABOVE FIN FLOOR LEVEL, AND AT LEAST 150mm ABOVE A PROJECTING WORK SURFACE.

ELECTRICAL INSTALLATION TO BE INSTALLED IN ACCORDANCE WITH BS 7671 2008 AS AMENDED. ELECTRICAL INSTALLATIONS TO BE INSTALLED BY A COMPETENT INSTALLER DEEMED TO BE A CURRENT MEMBER OF A UK ACCREDITED SCHEME SUCH AS NICEIC, ECA OR SELECT OR EQUIVALENT BODY. ELECTRICAL TEST CERTIFICATE TO BE PROVIDED UPON COMPLETION OF ALL WORKS

- CEILING ROSE (PENDANT / SPOT)
- 15 AMP DOUBLE SOCKET OUTLET SWITCHED AT HIGH LEVEL
- 15 AMP DOUBLE SOCKET OUTLET SWITCHED AT LOW LEVEL
- LIGHT SWITCH WALL MOUNTED
- OPTICAL SMOKE ALARMS TO CONFORM WITH BS EN 14604:2005
- HEAT DETECTOR
- HONEYWELL SP340F CARBON MONOXIDE DETECTOR AND ALARM HARDWIRED WITH BATTERY BACK UP, CEILING MOUNTED MIN 300mm FROM WALL

INTERCONNECTED SMOKE DETECTORS TO BS 5446 : PART 1 : 2000 AND BS5593: PART 6 : WIRED TO MAINS ELECTRICAL SUPPLY WITHIN 7m OF LIVING ROOM DOORS AND 3m OF BEDROOM DOORS AND 300mm FROM LIGHT FITTINGS AND ADJACENT WALLS - (BATTERY BACK UP) SMOKE DETECTION TO BS 5446 AND BS 5839

ALL ELECTRICAL FITTINGS SHALL COMPLY WITH BS 5068 PART 2 ALL OUTLET BOXES SHALL BE FORMED FROM STEEL AND SHALL COMPLY WITH BS449 AND BE SECURELY FIRED WITH A MINIMUM OF 3 NO. 8 SCREWS 25mm LONG. CABLES RUN IN FLOOR AND WALLS SHALL BE PROTECTED BY METAL PLATING OR EQUAL & APPROVED METHOD.

NOTHING OF TIMBERS SHALL NOT EXCEED 25mm WIRING OF SOCKETS SHALL BE CONNECTED TO RING MAIN USING 2.5 mm sq LIVE CONDUCTORS WITH 15mm sq MIN C/P. ALL SOCKETS SHALL BE SWITCHED 15 AMP MOULDED PLASTIC FLUSH 3 PIN SHUTTER PATTERN TO BS 1363 PART 2. MIN OF 6 SOCKETS TO KITCHEN AND LIVING ROOM. 4 SOCKETS TO BEDROOM. HUMIDISTAT FANS TO BE SUITABLE FOR 240 VOLT 50 HZ OPERATION FITTED WITH ISOLATOR AT HIGH LEVEL

INTERNAL WALLS

INTERNAL PARTITION TO BE 100mm x 50mm TIMBER STUDS AT 600mm CRS PLATED WITH 12.7mm PLASTERBOARD TO EACH FACE WITH 100mm QUILT INSULATION LAID BETWEEN STUDS TO PROVIDE MIN 40KWDs AND A MASS OF NOT LESS THAN 40 kg/m

MECHANICAL VENTILATION

TOILET / ENSUITE / BATHROOM & UTILITY EXTRACT VENTILATION TO BE 150 X 150mm GREENWOOD AIRVAC EXTRACT FAN VENTED AND DUCTED THROUGH NEW CAVITY WALL TO EXTERNAL AIR BY 150MM DUCTING AS SHOWN ON PLAN FAN AND SWITCHED TO LIGHT SWITCH TO PROVIDE 30 LITRES / SECOND EXTRACT RATE - 10MIN OVRDRN. EXTRACT FAN TO BE FITTED WITH ISOLATOR SWITCH

KITCHEN EXTRACT VENTILATION BY MECHANICAL FAN 200 X 200mm BY GREENWOOD AIRVAC TO MOUNTED AT HIGH LEVEL ON EXTERNAL WALL AND VENTED THRO WALL TO EXTERNAL AIR TO PROVIDE MIN EXTRACTION RATE OF 60 LITRES SEC (6 AIR CHANGES / HOUR) FAN TO BE CONNECTED AND SWITCHED TO LIGHT SWITCH AND FITTED WITH ISOLATOR SWITCH

TIMBER FLOOR CONSTRUCTION

22mm T & G V313 MOISTURE RESISTANT CHIPBOARD 200 X 50 SW JOISTS GRADE C24 AT 400mm CRS TO FLOOR LEVEL WITH MIN 200mm QUILT LAID BETWEEN MEMBERS ON NETLON VAPOUR CHECK

EQUIVALENT SIZED SW JOIST MEMBERS RAWL BOLTED TO EXISTING REAR / GABLE WALL WITH M12 RESIN BOLTS AT 600mm CRS TO ACCOMMODATE JOIST HANGERS AND NEW FLOOR JOISTS AT 400mm CRS AS APPROPRIATE

MID FLOOR RESTRAINT 1000 X 32 X 2.5mm STANDARD HOLDING DOWN STRAP NAILED TO GROUND FLOOR AND 1ST FLOOR PANELS WITH 6 NO. 50mm X 8 SWG GALVANISED NAILS (STRAP CENTERED VERTICALLY BETWEEN GROUND FLOOR AND FIRST FLOOR PANELS). IF 65 NAILS TO BE USED SPACING OF NAILS TO BE 100mm

Listed Building Consent

JOB	Proposed Alterations & Extension		
FLAT 1/1, 2 QUEENSBOROUGH GARDENS, GLASGOW, G12 9PW			
DRAWING	FLOOR PLAN		
	PROPOSED		
SCALE	1:50 @ A3	DRAWN	DATE
		IG	JUNE 2021
DRAWING NO	PL.02	REV	-
CLIENT	DARLING		

FIRE PROTECTION

FIRE STOPS TO BE PROVIDED HORIZONTALLY BETWEEN STOREYS AND AT ALL CORNERS

2 LAYERS OF 12.7mm PLASTERBOARD TO BE CROSS LAPPED TO PROVIDE HALF HOUR FIRE RESISTANCE TO NEW BEAM OVER

LIMITING AIR INFILTRATION

ALL EXTRANEOUS AIR LEAKAGE PATHS IN DWELLING FABRIC WILL BE MINIMISED BY CONSTRUCTING THE DWELLING IN ACCORDANCE WITH BRE REPORT BR 262 SECOND EDITION 1994 (NOTE) TO INCLUDE 1. SEALING THE GAPS BETWEEN DRY LININGS AND MASONRY WALLS AT THE EDGES OF WINDOWS DOORS AND ROOFSPACE OPENINGS, AND AT THE JUNCTIONS BETWEEN WALLS FLOORS AND CEILINGS AND 2. SEALING VAPOUR CONTROL MEMBRANES IN TIMBER FRAMED OTHER FRAMED PANEL CONSTRUCTIONS AND 3. SEALING AT SERVICE PENETRATIONS OF THE FABRIC OR AROUND BOXING FOR SERVICES AND ING DRAUGHT SEALS TO THE OPENABLE PARTS OF THE WINDOWS ROOF LIGHTS AND SEALING AROUND JOIST ENDS BUILT INTO THE INNER LEAF OF EXTERNAL CAVITY WALLS

All works to be carried out in accordance with the Building (Scotland) Act 2003 and Regulations 2004 as Amended and in accordance with guidance contained within the 2012 Domestic Technical Handbook.

All work to the boiler (or gas installation) if applicable to be carried out by a Gas Safety registered engineer. Boiler and flue fitted at high level. The flue to be positioned a minimum 300mm from all openings

