

All the structural support, needs to be covered with 2 layers of Gypcrete fireboard, 12.2mm thick with 60mins fire resistant. All steel needs to be measured on site and allow for bearings. Steel length should not be measured from the drawings always allow for bearings. Steel needs to rest on either high footings which needs to be spread on site with the building inspector needs to check on site if any beam is cantilevered.

All steel needs to be either primed with zinc primer paint or boxed in 2 layers Gypcrete fire board to achieve 1 hr fire resistance.

Heating via double convective radiator to proposed system (oil/bio boiler 92% efficiency). Thermostatic valve for each radiator and automatic cut out to the boiler. There will be at least one energy efficient light bulb to every 4 light fittings. Any new or reboiled boiler is to be installed and tested and on completion, a control signed by a gas safe registered installer.

Electric cables should be fixed to the structure above the insulation. Where recessed fittings are to be used, those designed for compact fluorescent or low voltage tungsten halogen lamps should only be used within an enclosure between joists to dissipate heat.

All multiple linkers to be bolted using flat plate washers and nutbar connectors.

The proposed installation work is to be undertaken by a person firm who is a registered installer for the proposed system in accordance with the Building Regulations for ensuring compliance with BS 7671:2001 and all relevant building regulations. On completion of the work, the person ordering the work should obtain a certificate of compliance from the installer. The person ordering the work should also receive a copy of the information on the certificate. The person ordering the work should also receive a fully completed electrical installation certificate as set out in the model in BS 5838-6.

All connections should be well fitted without gaps. Fuses and silicon around window and door frame. Cavity doors around openings. All joints should be sealed and tightly constructed.

The heating and hot water system should be inspected on completion of installation to establish that the approved provision for efficient operation have been put in place. These systems should be commissioned to make reasonably certain they can operate efficiently for the purposes of the conservation of fuel and energy. The person ordering the work should receive a copy of the information from the responsible person for achieving compliance and a copy should be forwarded to the building control offices.

Smoke detectors should be installed in corridors on landings. A fixed temperature smoke detector should be installed in the kitchen in accordance with BS 5838-6:2002 (L1K67) in accordance with the recommendations of BS 5838-6:2002 (L1K67).

Double glazed 4-2-4 and low-e combiunits in windows. Head vents to provide 800mm². Toughened glass and should satisfy the 66206 and 66207 provisions. 12mm annealed glass or safety should be used for all other glazing. All new windows will need to achieve a U-value of 1.6W/m²K and 2.2 W/m²K for all new doors with more than 50% glazing. The installation should be undertaken by a registered person or according to the building control satisfaction.

Efficient energy lighting: 3 per 4 fixed lighting facilities. Fixed external light should have effective control and/or use of efficient lamps. Lamp capacity should not exceed 150w and 40 lumens per cent-watt.

Rain water disposal should be connected to the existing water surface drainage system. Drainage will be discussed on site with the building control officer. At least 2m away from the extension to take the rain water. The interval void is to be left clear of any back-fill. Thames water permission need to be sought if the main drain is within 3m of the proposed work.

GENERAL NOTES:
1. All measurements in millimetres.
2. To builders only: Obtain all dimensions from site. Do not scale from drawings.
3. All dimensions are to be taken from the face of the work.
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6. All dimensions are to be taken from the face of the work.
7. All dimensions are to be taken from the face of the work.
8. The client agrees to take the responsibility of the design.
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MR AND MRS TODOROVA
57 FIELDEND ROAD
LONDON
SW16 5ST

EXISTING AND PROPOSED
SINGLE STOREY REAR EXTENSION

DATE: 20/04/2022 DRAWN BY: LF
SCALE: 1:100
DRAWING NO.: SDC01/PA REV:

REV	DESCRIPTION	ISSUED	DATE
A	1		A
B	2		B
C	3		C
D	4		D

