Plumbing Installation
Complete Installation to be subject to and capable of withstanding testing
In accordance with BS EN12056 Part 2. Above ground foul drainage pipe
Work shall be PVC-u to 4514.

Pipe work must be designed in accordance with BS EN12056 Part 2 and installed to ensure that appliances drain efficiently without causing crossflow, backfall, leakage or blockage. No air from the drainage system shall entre the building. Provide adequate support to lengths of pipework and at junctions and changes In directions. No branch connection to be within 450mm above foot of soil pipe. All PVC-u pipe work to be to BS 4514.
Minimum pipe sizes for sanitary plumbing to be:

WC's soil pipes	100mm dia nom.
Common pipe wastes	50mm dia nom.
Bath, sink	50mm dia nom.
Handbasin	32mm dia nom.
Shower	40mm dia nom.
Overflow	19mm dia nom.

All fittings are to have 75mm deep seal traps. Provide waste for washing machine and dishwashers where applicable. All waste pipes shall be laid to falls (25mm per meter run). All plumbing shall be installed in accordance with manufacturer's instructions. The maximum lengths of waste pipes shall be as follows.

32mm pipe	1.7m maximum length
40mm pipe	3.0m maximum length
50mm pipe	4.0m maximum length
100mm pipe	6.0m maximum length

SVP's to extend a minimum of 900mm above any opening within 3.0m of the building.

All new radiators to be fitted with TRV and to be on insulated pipework.

WINDOWS AND EXTERNAL DOORS

Windows are to provide minimum opening lights equal to 1/20 (5%) of the floor area of the room served and provide, minimum backround Ventilation via controlled trickle ventilators to achieve 4000sq mm in the kitchen, bathroom, cloakroom and utility room windows and 8000 sq mm to all other habitable rooms.

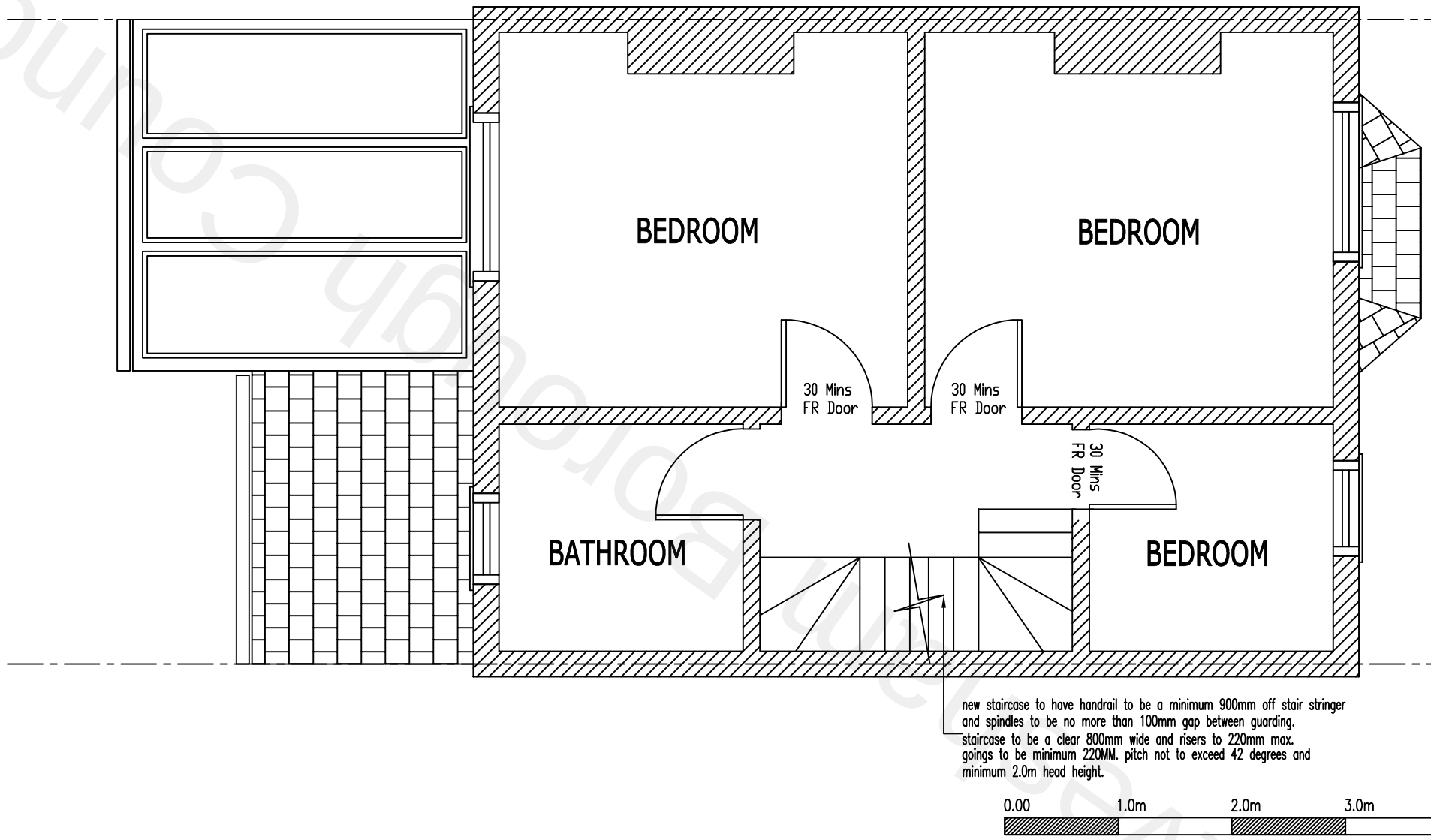
The windows are to be glazed with 24mm (4:16:4) sealed double glazed (Low-E: emissivity of 0.15) units with a minimum 'U' value of 1.6 W/m sq K Or centre pane value of 1.2 W/m sq K or energy rating Band D. Doors 50% glass U Value 2.0 W/m sq K or centre pane U Value 1.2 W/m sq K. The average U value of all windows and doors not to exceed 1.8 W/m2K.

All glass shall be in accordance with BS 6262:1978. Obscure glazing is to be provided to all bathroom and cloakrooms. All windows and doors are to be weather stripped.

Safety glazing in accordance with B.S 6206:1981 shall be fitted in the following critical locations:

(1) All glazed doors
(2) All full height sidelights
(3) Any window within 300mm from a door opening up to a height of 1500mm
(4) Any windows between finished floor level and 800mm above that levels.

Note all windows provided for emergency egress should have an openable area of at least 0.33m sq. and have an unobstructed dimension of at least 450x450mm. the bottom of the openable area should not be more than 1100mm above finished floor level.



Proposed First Floor plan

Client
Gursharan Singh
36 All Saints Road
Northfleet
Gravesend Kent
DA11 8RN

Drawing Title
Proposed First Floor Plan

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.

Drawing No. 2171-008	**Revision** 00
Scale 1:50@A3	**Date** March 2022
Computer File No.	**Project No.**
Drawn By Raj Bhatti	**Checked By**
Coordinated By	**Approved By**

Gravesham Borough Council
Gravesham Borough Council