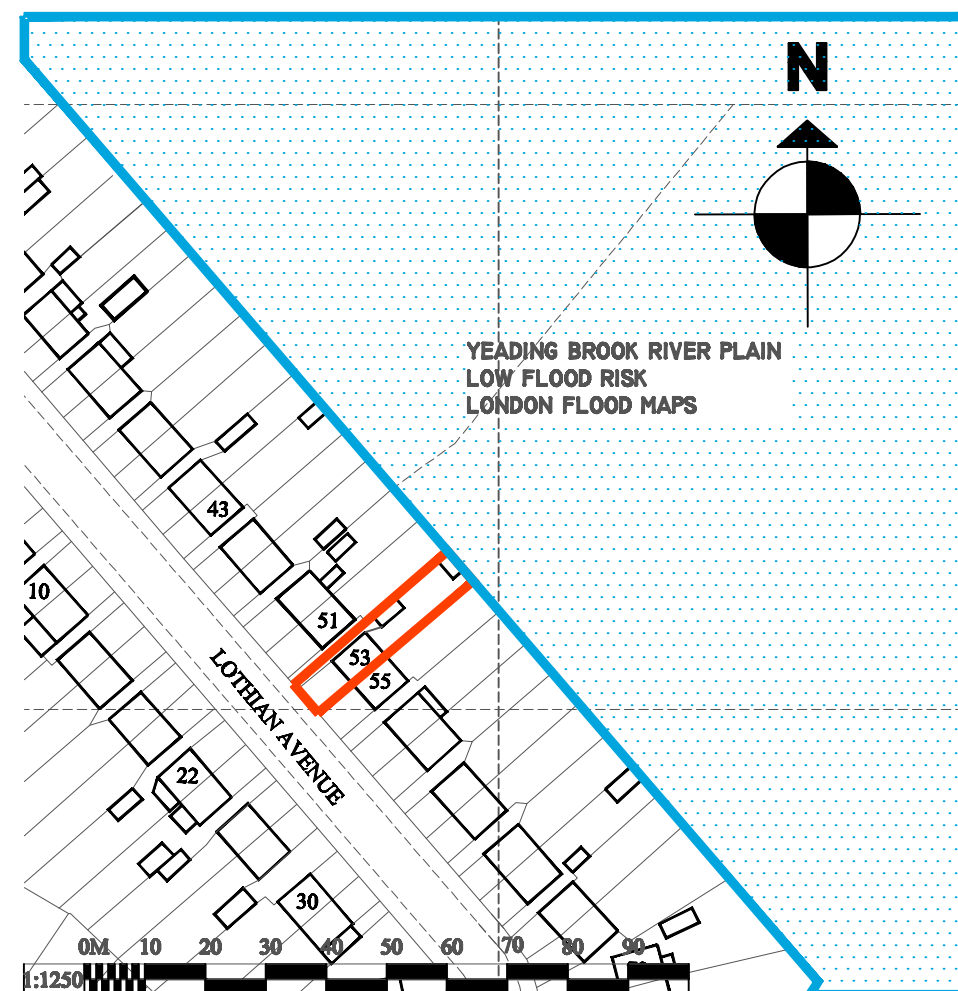
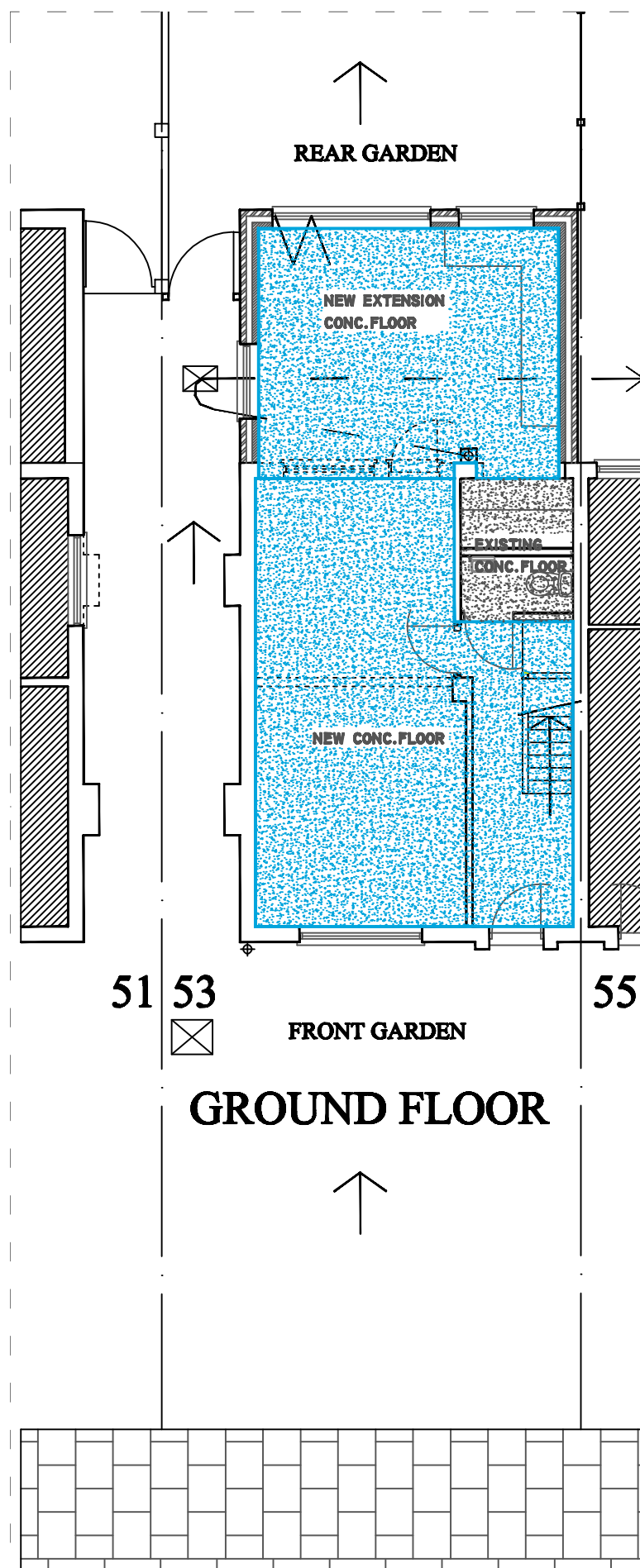




FLOOD MITIGATION MEASURES

PROPOSED EXTENSION & EXISTING GROUND FLOOR

This is a semi-detached residential property with existing ground floor partially in concrete & partially in timber. The finished floor level of the extension is approx. 300mm. below the street kerb level and at same level as rest of the ground floor. To keep flood damage to min. the following measures are taken at design stage to minimize damage to property & contents. This property is in low flood risk zone of 1 in 100year category.

All walls are waterproof cement/ sand rendered on the inside. Existing ground floor rooms are thus protected to a height of 1m. from floor level all round the inside.

Existing timber floor to be removed, walls upto floor skirting level given 2 coats of bitmen, gap filled with consolidated hardcore with dp membrane, Celotex floor insulation & concrete with mesh. External air bricks removed & wall made good. Cavity wall to height of 750mm. on both sides in semi-engineering bricks, with weep holes at 450mm. c/c. and double DPC. Wall insulation to be Celotex. Existing walls to be dry lined with Celotex and cement:sand render on s/s eml. Internal manhole given a bolt-down double seal s/s cover.

Floor insulation & perimeter insulation in closed cell foam(Celotex) with min. water absorbency.

Floor finish to be concrete with ceramic/porcelain tiles throughout, laid on screed with wire mesh.

Skirtings in tiles to match.

External render to have plinth 2 courses above dpc level.

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DRAWING TITLE
PROPOSED PLANS
FLOOD MEASURES IN BLUE

STATUS
PLANNING

SCALES
1:100@A3

DATE
12.02.2021

DRAWING NO.
2020(AR)17-05

REV.

