facing brickwork to match that of the existing, 100 mm cavity filled using 100 mm thick 'Crown DriTherm 32' insulation installed in accordance with the manufacturers recommendations, 100 mm thick 'Durox Supabloc' 3.5 N/mm2 block with 12.5 mm British Gypsum plasterboard on 15 mm dabs. All to achieve a U value of 0.24 w/m2'c.

Skins of walls to be tied together using stainless steel wall ties to BS 1449 Part 2 1983, to be built in as work proceeds. Ties are to be spaced at 600 mm staggered horizontal centres and 450 mm centres vertically, reducing to 225 mm centres at jambs, openings and movement joints.

1m 2m 3m 4m 5m 6m 7m 8m 9m 10m 12m 14m 16m 18m 20m 10m 30m 40m 50m

<u>scale 1:50</u> SECTION

sumed line of existing drains
- to be verified on site by
Contractor prior to
commencement of works

comprising a minimum 6 mm
WBP exterior grade plywood
upper facing bonded to a 121
mm thick CFC/HCFC—free rigid
insulation urethane core
vapour proof non setting
gungrade mastic sealant applied
continuously to upper surface of
all joists/noggings corresponding
with board edges to provide
continuity of foil vapour control
layer

TYPICAL SECTION flat roof construction to achieve U value 0.18 W/m2K

75 mm thick sand and cement screed on 500 gauge polythene moisture control layer on 75 mm thick Kingspan floor insulation on 125 mm thick concrete slab on 1200 gauge DPM turned up the wall and tucked into the DPC on 50 mm thick sand blinding on 150 mm well compacted hardcore

layers B503 ste

Foundation/Floor Detail

600 x 300 mm concrete foundation - subject to Struct Engineers design

facing brickwork to match that of the existing, 100 mm cavity filled using 100 mm thick 'Crown DriTherm 32' insulation installed in accordance with the manufacturers recommendations, 100 mm thick 'Durox Supabloc' 3.5 N/mm2 block with 12.5 mm British Gypsum plasterboard on 15 mm dabs. All to achieve a U value of 0.24 w/m2°c.

Skins of walls to be tied together using stainless steel wall ties to BS 1449 Part 2 1983, to be built in as work proceeds. Ties are to be spaced at 600 mm staggered horizontal centres and 450 mm centres vertically, reducing to 225 mm centres at jambs, openings and movement joints.

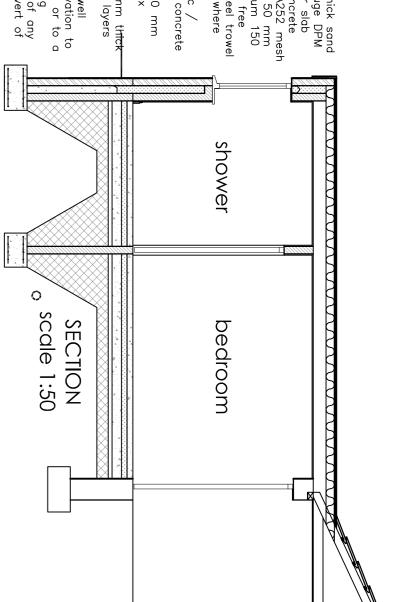
scale 1:50 SECTION show sumed line of existing drains
to be verified on site by
Contractor prior to
commencement of works

Floor to comprise of 75 mm thick sand and cement screed on 500 gauge DPM on 75 mm thick Kingspan Floor slab insulation on 100 mm thick concrete slab reinforced with one layer A252 mesh on 2000 gauge horizontal DPM 50 mm thick sand blinding on a minimum 150 mm thick consolidated sulphate free hardcore. Floor screed to be steel trowel finished and to match existing where appropriate.

Cavity construction to below dpc / ground level is to be in dense concrete block or brickwork.

The cavity is to be filled to 150 mm below d.p.c. level using lean mix concrete. foundations to be 600 x 300 mm thick concrete reinforced using 2 No layers 8503 fabric mesh.

Foundation to be cast against well trimmed and consolidated excavation to a depth determined by the building inspectorate, location and type of any adjacent trees, or below the invert of any adjacent drain or service. shower



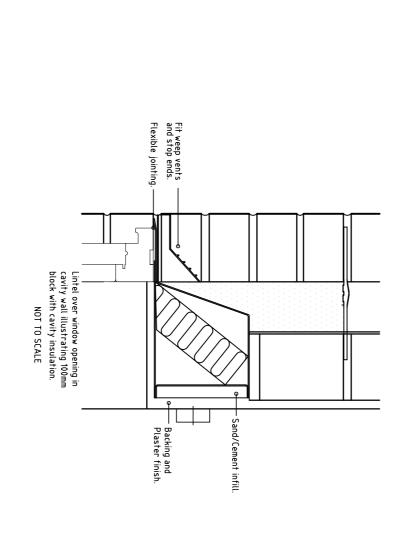


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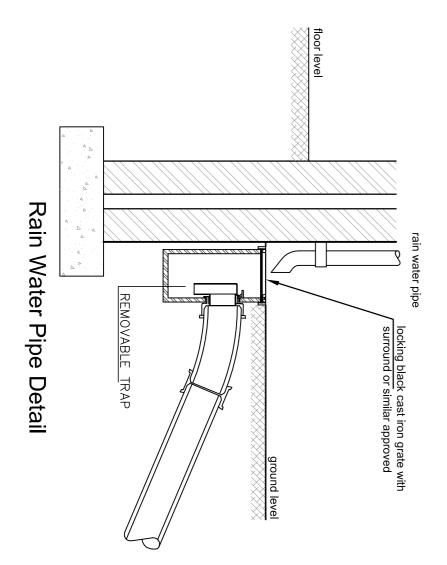
www.kadarchitectural.co.uk jon@kadarchitectural.co.uk

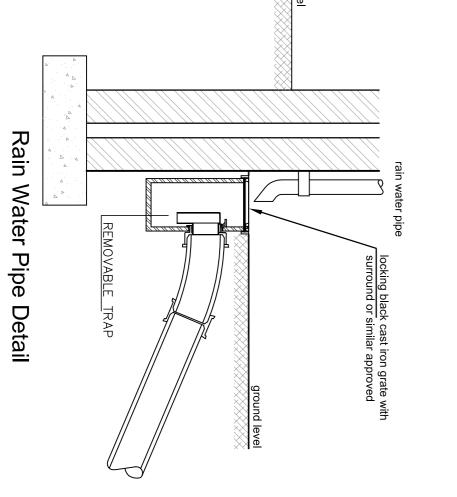
tel: 07974 243439

'Brelades'
Peacock Lane
Hanchurch
Stoke-On-Trent
Staffordshire
ST4 8RZ



170 x 47 mm C24 - Grade flat roof joists at 400 mm centres





Planning & Building Regulation
Purposes Only

2442/20/03

Ms M Yadgar 10 Elliott Road Fenton Stoke On Tent ST4 3LQ

DRAWING TITLE

Proposed Details

FIRST PUBLICATION DATE
March 2020

Jon Bennet

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Proposed Extension and Adaptation Works at 10 Elliot Road Fenton Stoke On Trent ST4 3LQ

THE PARTY WALL ACT 1996 - The Glient's attention is drawn to the Party Wall Act 1996 which requires notification and agreement to be made with adjoining owners, where the building owner undertakes any building works on, adjacent to or near to the party wall line between the properties, the Client shall ensure that all legal obligations in this regard are complied with. REVISIONS & PUBLICATION DATES