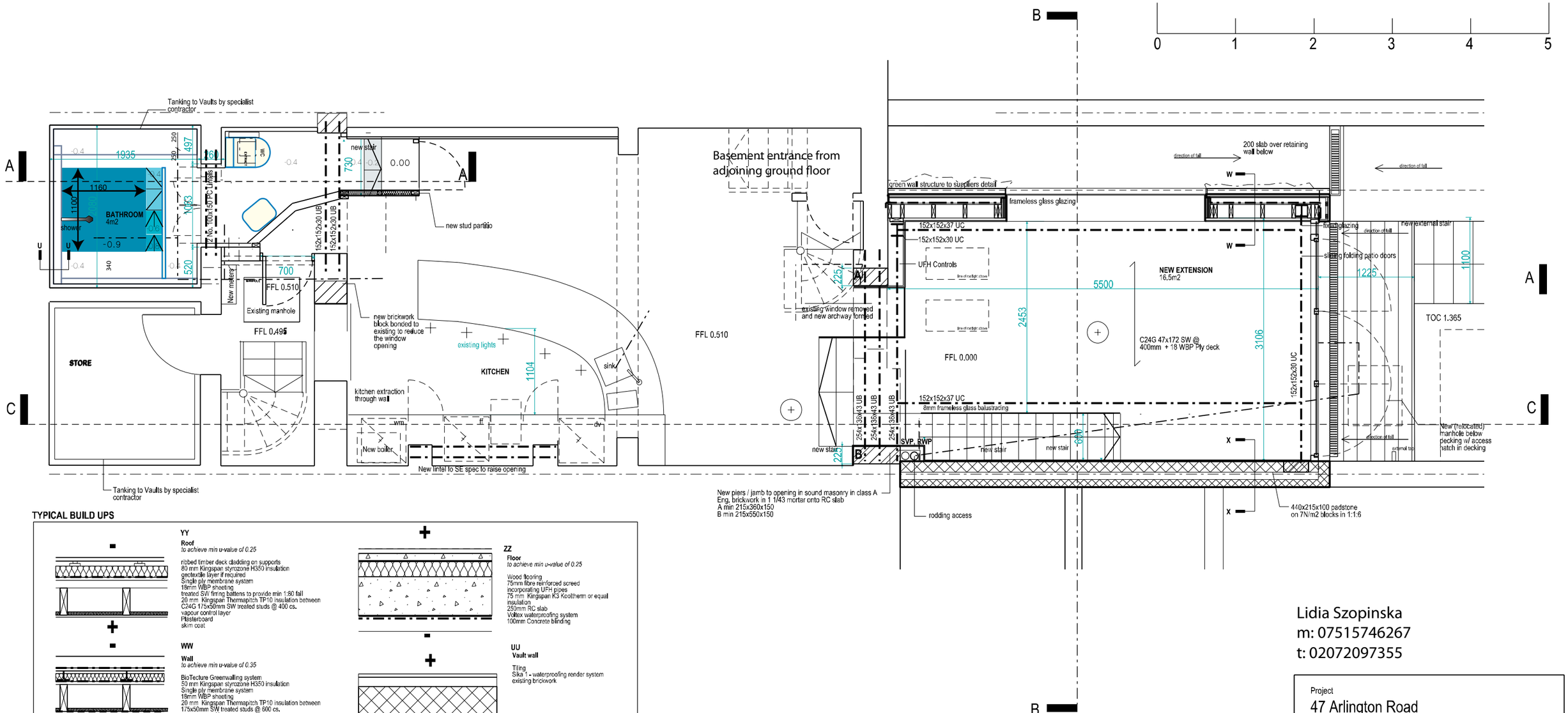
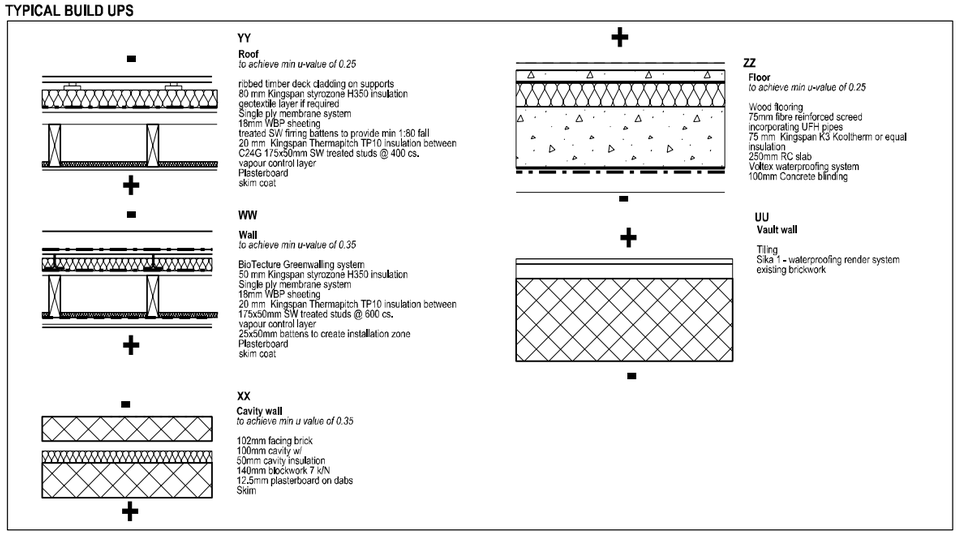


TYPICAL BUILD UPS



YY
Roof
to achieve min u-value of 0.25

ribbed timber deck cladding on supports
80 mm Kingspan styrozone H350 insulation
geotextile layer if required
Single ply membrane system
18mm WBP sheeting
treated SW firring battens to provide min 1:80 fall
20 mm Kingspan Thermapitch TP10 insulation between
C24G 175x50mm SW treated studs @ 400 cs.
vapour control layer
Plasterboard
skim coat

WW
Wall
to achieve min u-value of 0.35

BioTecture Greenwalling system
50 mm Kingspan styrozone H350 insulation
Single ply membrane system
18mm WBP sheeting
20 mm Kingspan Thermapitch TP10 insulation between
175x50mm SW treated studs @ 600 cs.
vapour control layer
25x50mm battens to create installation zone
Plasterboard
skim coat

XX
Cavity wall
to achieve min u value of 0.35

102mm facing brick
100mm cavity w/
50mm cavity insulation
140mm blockwork 7 kN
12.5mm plasterboard on dabs
Skim

ZZ
Floor
to achieve min u-value of 0.25

Wood flooring
75mm fibre reinforced screed
incorporating UFH pipes
75 mm Kingspan K3 Kooltherm or equal insulation
250mm RC slab
Voltex waterproofing system
100mm Concrete blinding

UU
Vault wall

Tiling
Sika 1 - waterproofing render system
existing brickwork

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Project
47 Arlington Road

Status
Provisional

Drawing
Planning Amendment

Drwg No : 286_ 20_200
Scale : 1:50@A3
Date : 22.04.2011