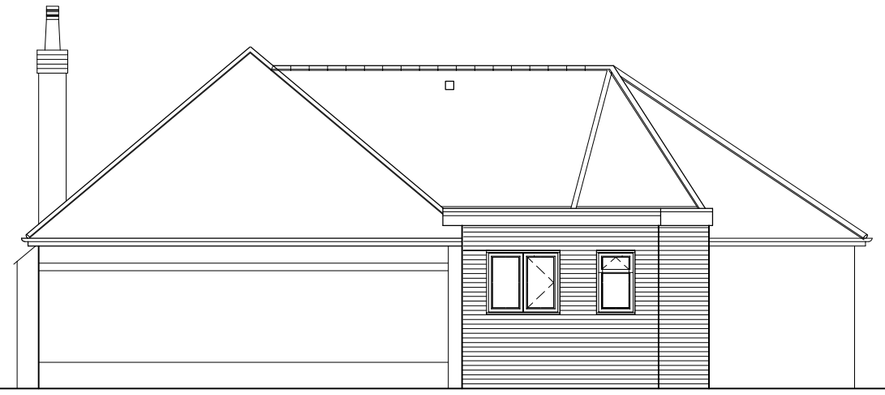
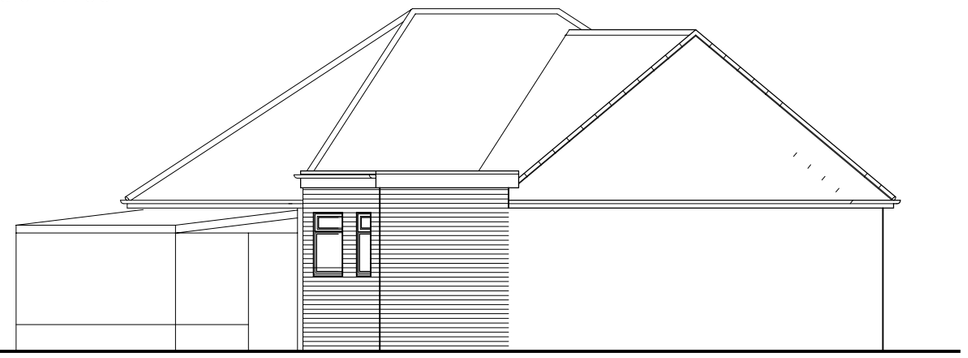
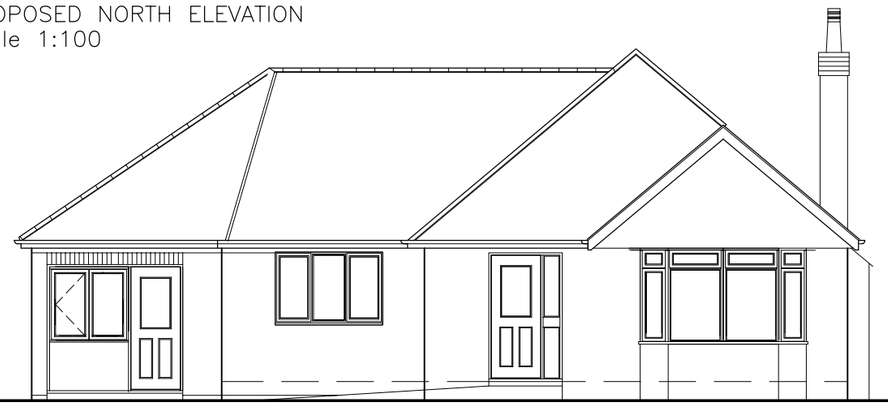


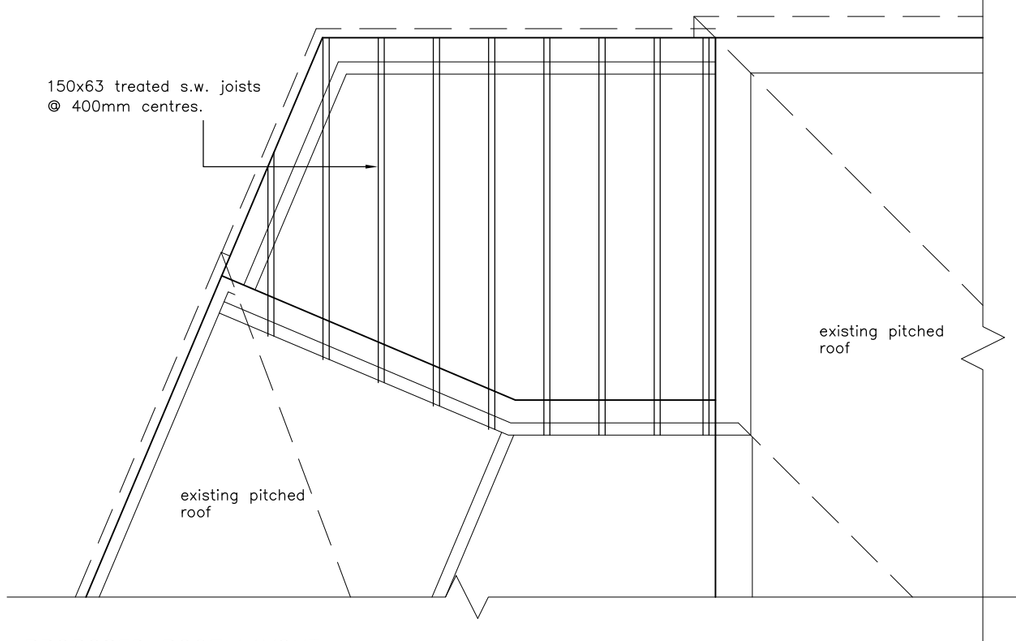
PROPOSED EAST ELEVATION
Scale 1:100



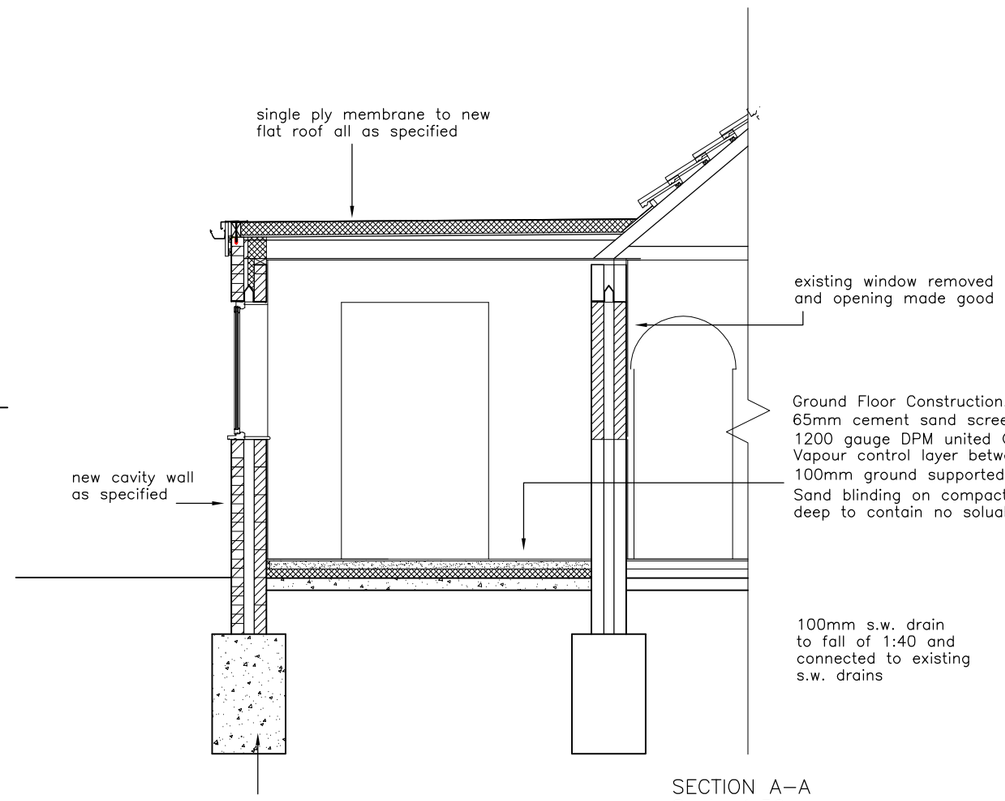
PROPOSED NORTH ELEVATION
Scale 1:100



PROPOSED WEST ELEVATION
Scale 1:100



PROPOSED ROOF LAYOUT
Scale 1:50



SECTION A–A
Scale 1:50

NEW CAVITY WALLS
Outer leaf of clay facing bricks to match existing house
95mm cavity with 45mm Celotex insulation.
100mm Celcon solar blocks (or similar approved) inner leaf.
Stainless steel wall ties built in @ max. 450mm vertical
centres and 750mm horizontal centres.12.5mm 2 coat
plaster and set. U Value 0.28W/m2K

EXISTING EXTERNAL WALL
Existing 1/2 brick external wall treated internally with 2 coats
synthaproof and overlapping existing DPC down to slab level
Internal insulation to be 92.5mm Kooltherm K17 adhered to
external wall with plaster dabs.
Finish to be plaster skim.

HORIZONTAL DPC's
Polythene to BS6515:1966 placed minimum 150mm above
abutting ground surfaces and lapped and sealed to all floor
damp proof membranes.

DAMP PROOFING AROUND OPENINGS
Cavities to be closed at all wall openings with insulated
dpc's. (Damcor, thermabate or similar). Provide cavity tray
dpc's above window
and door openings. Provide weepholes @ max. 450mm c/cs.

NEW FLAT ROOF CONSTRUCTION
Single ply roof membrane (Sarnafil or other approved) laid
in accordnace with manufacturerds instructions on
manufacturers instructions on 120mm Celotex TA4000 insulation
Polythene V.C. layer on 19mm ex. quality ply decking
Ex 63x 75 firring pieces to fall
150x63 treated s.w. joists (grade SC4/1.0) @ 400mm centres.
12.5mm plasterboard ceiling with skim coat.
U Value = 0.18 W/m2K

Foul Drainage
100mm dia. UPVC drainage system by 'Marley' or
other approved supplier.

Drains to be surrounded with concrete under and
where adjacent to buildings otherwise surround with
selected fill.

Provide r.c. lintels over drains where passing through
walls & mask opening both sodes with rigid material.
SVP to be taken above roof level and provided
with bird guard.

Rainwater.
Marley Classic upvc gutters and 65mm down pipes discharging
to existing outfall.

HEATING SYSTEM
Existing gas fired balanced flue boiler
Time & temp controls to be installed all
in accordance with Parts L and G

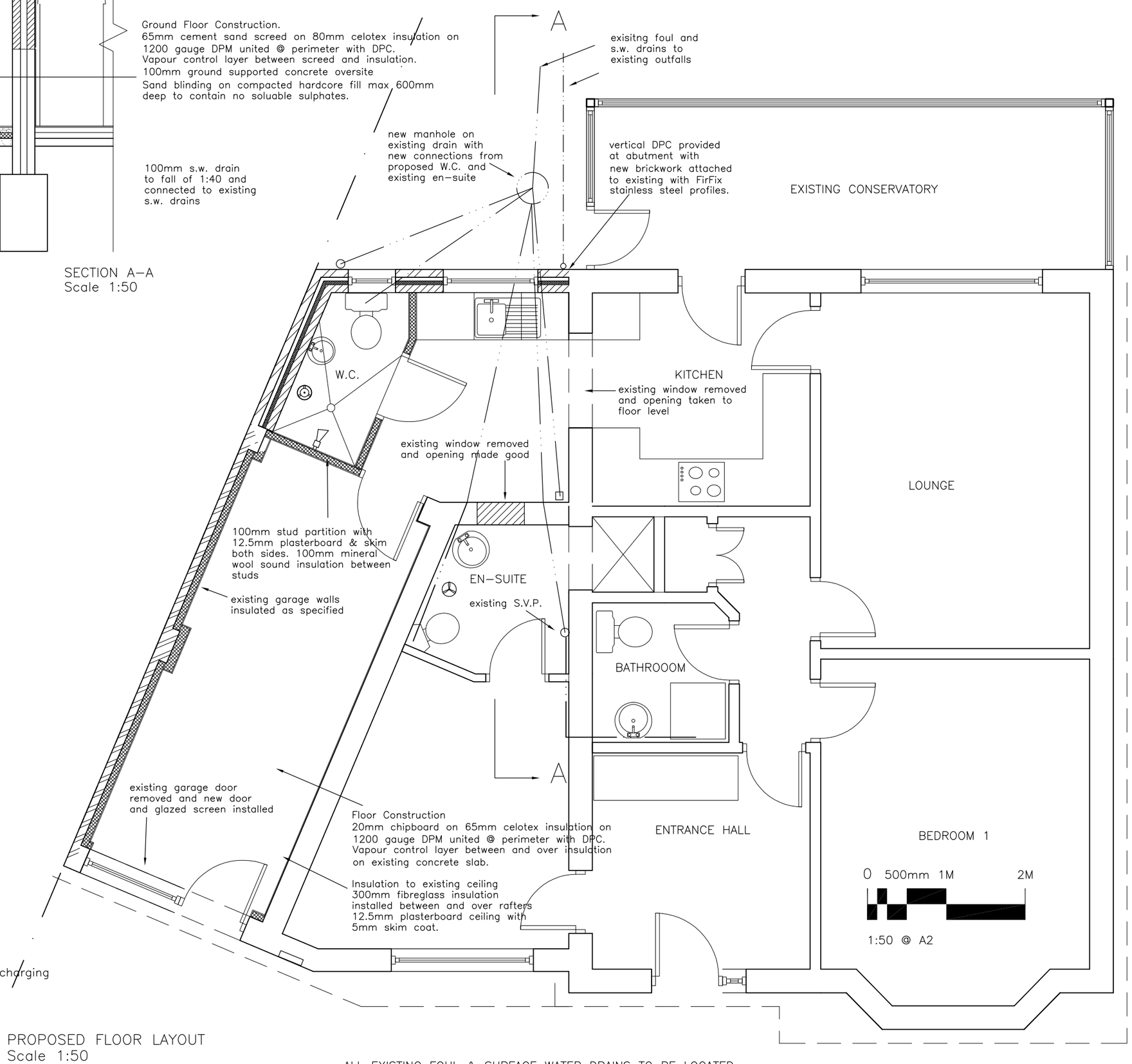
VENTILATION
All habitable rooms to have opening lights at least 1/20th of floor
area and some part of the opening to be at least 1.7m above floor
level. Windows to incorporate not less than 8000 sq.mm
permanent ventilation openings per room (trickle vents).

WINDOWS/DOORS
Windows to be double glazed with Min.
16 mm air gap, fitted with trickle vents in head equivalent
to 8000mm2 opening. Low E glazing with emissivity of 0.05
maximum U value to be 1.6W/m2K
Any glazed panels within 300mm of a door opening and
800mm from floor level to be safety glazing to comply with
BS6206 1981

ELECTRICAL INSTALLATION
All electrical work is to be designed, installed, inspected
and tested in accordance with BS 7671 (I.E.E. Wiring
Regulations 17th Edition).
The works are to be undertaken by an installer
registered under a suitable electrical self–certification
scheme, or alternatively by a suitablly qualified person,
with a certificate of compliance produced by that person
to Building Control on completion of the works.

Switches and sockets to habitable
rooms to be positioned between
450mm and 1200mm above
finished floor level.

PLUMBING
To BS EN 12056. Wastes – 40mm dia washing machines,
bath, sinks & showers, 32mm dia to hand basins
all with 75mm deep seal anti–syhonic traps
in compliance with H1.



PROPOSED FLOOR LAYOUT
Scale 1:50

ALL EXISTING FOUL & SURFACE WATER DRAINS TO BE LOCATED
ON SITE PRIOR TO COMMENCEMENT OF WORKS AND
NEW CONNECTIONS AGREED WITH BUILDING CONTROL

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architect.

client: Mr & Mrs Cox

project: Conversion of Garage, 8 Longclose Road

title: Proposed Plans and Elevations

scale: 1:50 1:100

date: March 2014

drawing no: H491–01

revisions:

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