

INSULATION
ACTIS reflective insulation
(Installation to be as specified by ACTIS)

Internal walls
Perimeter and purlin walls to be 50x100 vertical studs @400ctrs on 50x100 head and base plates. Add 105mm Hybris between studs and then Hcontrol hybrid multi-foil quilt over the top maintaining a 50mm air gap. Add 25/50 batons to fix plasterboards, to achieve U-Value 0.18W/m2K

Existing roof slopes
Add 50x50 timbers onto existing rafters or double up with 150x50 timbers where necessary. Add 140mm Hybris between the rafters and then Hcontrol hybrid multi-foil over using 38/38 counter batons and plasterboards - to achieve a 'U' value of not more than 0.15W/m2K.

Eaves storage areas
The pitched roof area boarded at eaves level to have dense quilt insulation 200mm between the floor/ceiling joists.

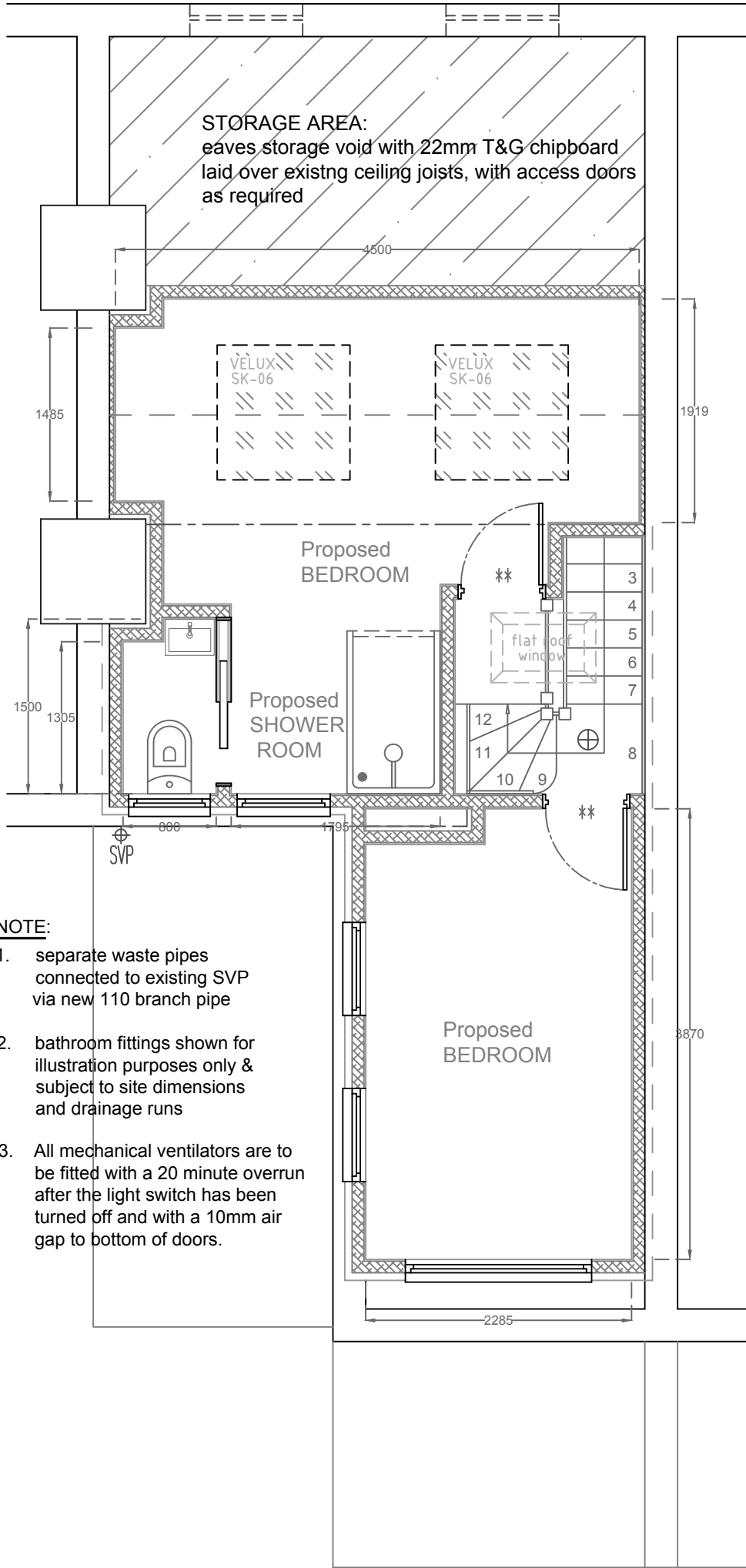
BATHROOM FLOOR CONSTRUCTION
New bath/shower room flooring to be 22mm moisture resistant t&g boarding, glued and screwed down to new 50x150 C24 sw treated joists @400ctrs. Allow for noggins between joists to accommodate support between at 1/3 clear board span.

Connect (client supplied) sanitary ware to previously laid drainage pipework. Provide extended hot & cold water supplies as necessary. Floor and wall tiles/covering to be supplied by client. Allow for BAL flexible adhesive to bond new tiles to floor area. Plasterboard to be substituted with 12.5mm tapered edge Gyproc moisture resistant board by Britsig Gypsum or similar.

HOT & COLD WATER SUPPLY
All water supplies to bath, basins and showers to be wholesome as described in Part G of the Building Regulations (see below). Showers to be fitted with thermostatic valves so that the hot water supply does not exceed 48deg C. Any unvented hot water cylinder to be:-

- fitted with 3no. seperate thermal safety cut out and pressure relief devices discharging to a safe place.
- fitted with an information plate that clearly gives the name and contact details of the installer
- is positioned over a stable platform that extends a minimum 150mm beyond the cylinder in all directions

PROPOSED SECOND FLOOR PLAN
SCALE 1:50



- NOTE:**
1. separate waste pipes connected to existing SVP via new 110 branch pipe
 2. bathroom fittings shown for illustration purposes only & subject to site dimensions and drainage runs
 3. All mechanical ventilators are to be fitted with a 20 minute overrun after the light switch has been turned off and with a 10mm air gap to bottom of doors.

PLUMBING
Sanitary fittings to be connected to the SVP providing deep seal traps to all fittings with easy bends where possible and rodding eyes at any change of direction. No waste pipe to be connected to the SVP within areas of 200mm below centre line of soil branch to WC connection. Waste pipework to discharge into new 110 dia. WC soil drainage pipework with welded joints - allow for traps to all outlets, laid at 1:40 fall within roof void before connection to existing drainage system. All hand wash basins to have 32mm dia. waste pipe sink to 50mm, and shower/bath to have 50mm waste pipe. Existing vent pipe within three metres of openable windows to be extended 900mm above openings and provided with ventilating cover. Plastic to be approved to BS.5572 - alternatively fir FloPlast External Air Emmittance Valve conforming to BS EN 12056:2000. Provide 12mm wbp fitted between studs to allow for fixing of sanitary ware etc,

NOTE:
Any new hot water storage and supply systems to be designed and installed in accordance with BS 6700 or BS EN 12897.

- Note:**
1. furniture layout and fittings shown for indicatory purposes
 2. architrave and skirting boards to match or blend with existing
 3. gas fired thermostatically controlled radiators extended from existing system

Client: Mr Simon Addyman	
Address: 37 Archdale Road London SE22 9HL	
Project: LOFT CONVERSION	
Job Title: FLOORS	
Date March 2024	Drawing No. MSB/03/24/007/04
Revision:	
Date:	
1:50 Scale 1:50 	
1:100 Scale 1:100 	