

EXTERNAL WALLS - u-value to achieve 0.17W/m²K
 102.5mm brickwork
 100mm cavity with 50mm Kingspan Kooltherm K8
 cavity board fixed to the inner leaf
 100mm Fibolite blockwork
 37.5mm Kingspan Kooltherm K17 insulated
 plasterboard & skim coat

INTERNAL PARTITIONS
 12.5mm plasterboard & skim
 100x50mm studwork wall
 acoustic insulation, min. density to
 be 45kg/m³, between studs
 12.5mm plasterboard & skim

WINDOWS - u-value to achieve 1.6W/m²K

BUILDING CONTROL NOTES

Electrical:

All electrical work required, is to meet with the requirements of Part P (Electrical safety) of the Building regulations, and must be designed, installed, inspected and tested by a person competent to do so.

All new lights to have dedicated energy efficient fittings

Fire Escape:

Escape provision is to be met by providing a protected stair well (FD20 doors to all habitable rooms).

All opening windows are to be fully operable (450x 450mm min) allowing these to be used for escape purposes.

Background ventilation:

All windows to provide background ventilation through trickle vents, etc.

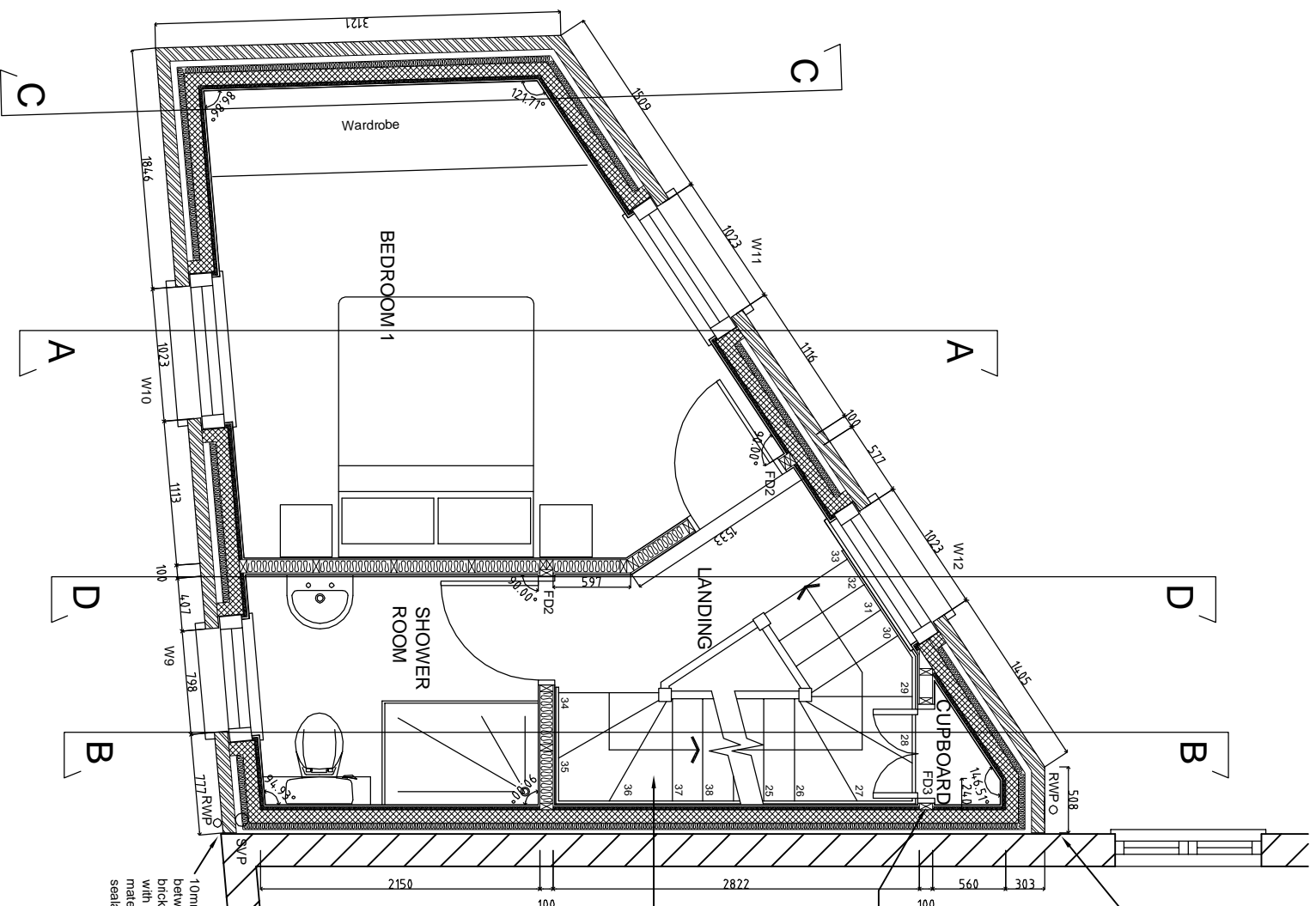
Extract ventilation:

Mechanical extract to serve mini kitchen - 30L/sec and shower room - 15L/sec

Extracts to be ducted through wall

Smoke detectors:

Self contained mains operated smoke alarms to comply with BS:5466:Part 1 and located 300mm from walls to comply with BS:5839:Part 1.
 Smoke detectors to be hard wired & interlinked.



10mm movement joint between existing & new brickwork to be filled with a compressible material & mastic sealant to outside edge

FIRE PARTITION
 100x50mm studwork wall with acoustic insulation, min. density to be 10kg/sec.m, between & 12.5mm firelineboard & skim each side - to provide 1/2 hour fire protection. Doors to cupboard to leave minimum 400mm stair width for passing whilst open.

Stair: 2F-3F
 14 No. risers @ 198mm
 13 No. treads @ 235mm

10mm movement joint between existing & new brickwork to be filled with a compressible material & mastic sealant to outside edge

DOOR SCHEDULE
 ED1 - 1023mm wide structural opening with external quality hardwood door
 FD1 - 915mm wide structural opening with 838mm leaf internal door, fire rated to a min. of 20 minutes
 FD2 - 840mm wide structural opening with 762mm leaf internal door, fire rated to a min. of 20 minutes
 FD3 - 764mm wide structural opening with 2no 343mm leaf internal doors, fire rated to a min. of 20 minutes
 D1 - 840mm wide structural opening with 762mm leaf internal door

Revisions

Revisions	Date	Ref.
B. Window references	20.04.17	
A. Tender Revision	17.11.16	
Hoddes Row London NW3 2JZ		

Mr G Hoddes

Second Floor Plan

Scale	Date	Ref.
1:50@A3	MAY '16	590/05B

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