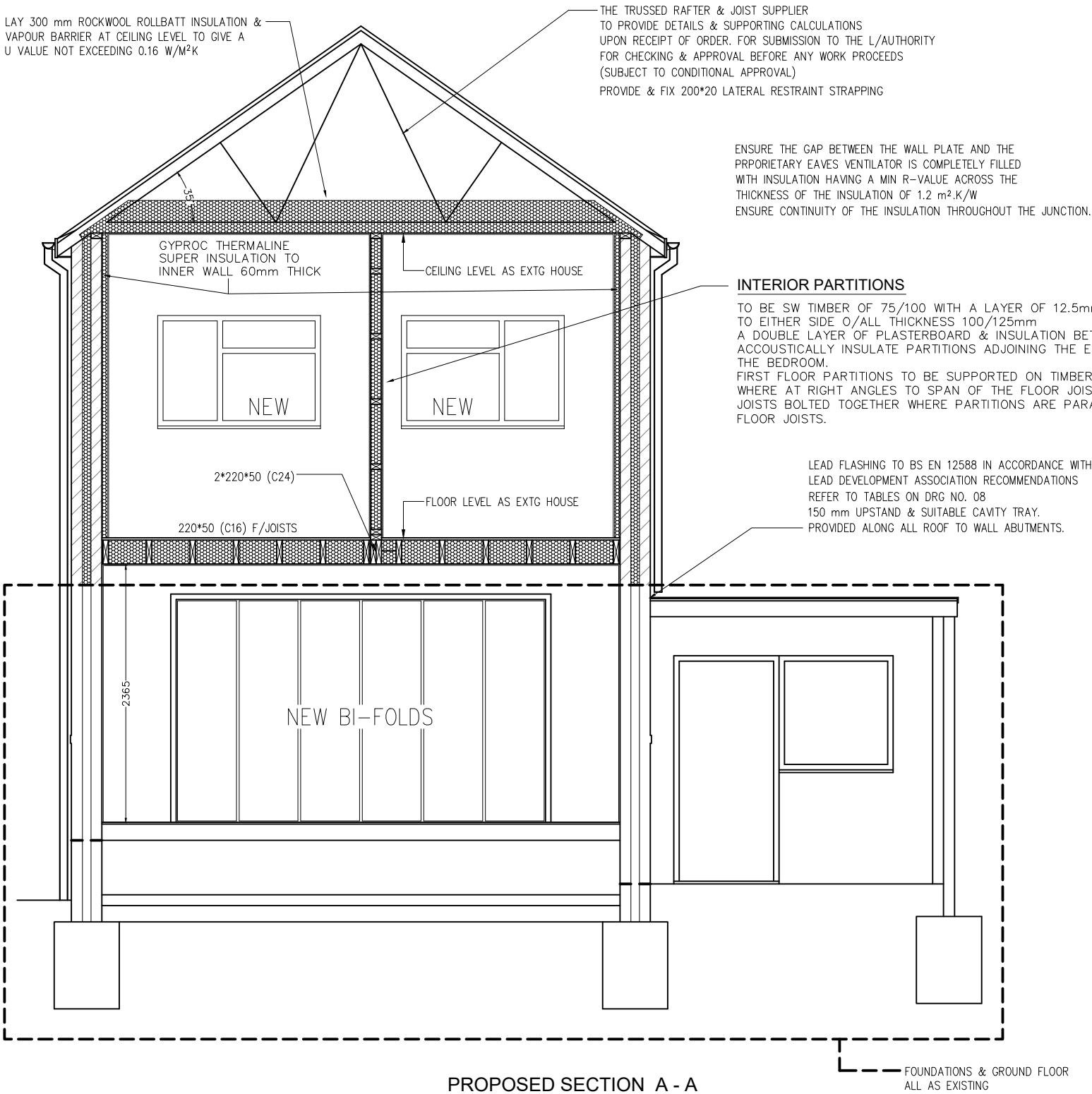




PRELIMINARY DRAWINGS
(Planning / Building Regulations Pending)

TRUSSED RAFTERS - INSULATION AT CEILING LEVEL

ROOF TYPE : DUO PITCH 40 DEGREE, TRUSSED RAFTER
OVERHANG TO MATCH EXTG HOUSE
THE TRUSSED RAFTER & JOIST SUPPLIER
TO PROVIDE DETAILS & SUPPORTING CALCULATIONS
ALL IN ACCORDANCE WITH BS 5268.
SOFT WOOD TO BE PRESERVED WITH 'VASCOL' ORGANIC
SOLVENT PRESERVATIVE OR SIMILAR APPROVED.
TIMBERS TO BE FIXED TO 50 x 100 WALL PLTS WHICH SHOULD
BE BEDDED IN MORTAR & FIXED WITH 1000 mm GALVANIZED
MILD STEEL STRAPS TO INNERLEAF BLOCKWORK.
LAY REDLAND SPIRTECH 250 BREATHABLE MEMBRANE ON RAFTERS
WITH 150mm HORIZ. & 450mm VERT. LAPPED JOINTS
LAID TO DRIP INTO EAVES GUTTER & SECURED WITH CLOUT NAILS
INSERT 100mm THICK 'ROCKWOOL ROLLBATTS' BETWEEN C/JOISTS
WHICH SHOULD BE EXTENDED OVER EXTERNAL WALLS
& 200mm THK. ROCKWOOL ROLLBATTS OVER AT RIGHT ANGLES
AT CEILING LEVEL TO GIVE A 'U' VALUE NOT EXCEEDING 0.18 W/M²K
ACCESS TO ROOF SPACE VIA NEW TRAP DOOR WITH 50*125 TRIMMING
TILES TO BE MATCHING COLOUR & TYPE OF EXTG. BUILDING
& BE TO THE APPROVAL OF THE LOCAL AUTHORITY.
TILES & BATTENS TO BE FIXED IN ACCORDANCE WITH THE
MANUFACTURERS SPECIFICATIONS/GUIDELINES (BS: 5534)
RIDGE TILES TO BE BEDDED IN MORTAR
LAY REDLAND SPIRTECH 250 BREATHABLE MEMBRANE ON RAFTERS
WITH 150mm HORIZ. & 450mm VERT. LAPPED JOINTS
LAID TO DRIP INTO EAVES GUTTER & SECURED WITH CLOUT NAILS

MECHANICAL VENTILATION

SYSTEMS TO BE INSTALLED AS DESCRIBED IN GPG268. SPECIFIERS
GUIDE TO ENERGY EFFICIENT VENTILATION OF DWELLINGS.
MECHANICAL VENTILATION TO BE PROVIDED TO SANITARY ACCOMMODATION
TO GIVE A MINIMUM INTERMITTENT EXTRACT RATE OF 6 LITRES/SEC.
MECHANICAL VENTILATION TO BE PROVIDED TO WC/BATHROOM TO
GIVE A MINIMUM INTERMITTENT EXTRACT RATE OF 15 LITRES/SEC.
MECHANICAL VENTILATION TO BE PROVIDED TO UTILITY ROOM TO
GIVE A MINIMUM INTERMITTENT EXTRACT RATE OF 30 LITRES/SEC.
MECHANICAL VENTILATION TO BE PROVIDED TO KITCHEN TO
GIVE A MINIMUM INTERMITTENT EXTRACT RATE OF 60 LITRES/SEC.
OR 30 LITRES/SEC. IF AN ADJACENT COOKER HOOD IS FITTED.
MECHANICAL EXTRACTORS TO WC, BATHROOM & UTILITY TO HAVE
A 15 MINUTE OVERRUN & BE CONNECTED TO LIGHT SWITCH
MECHANICAL EXTRACT TERMINALS & EXTRACT FANS SHOULD BE
PLACED AS HIGH AS PRACTICABLE, PREFERABLY LESS THAN
400mm BELOW CEILING.
MECHANICAL SUPPLY TERMINALS TO BE LOCATED & DIRECTED
TO AVOID DRAUGHTS.
MECHANICAL VENTILATION TO BE DUCTED TO THE EXTERNAL AIR.
ANY AUTOMATIC CONTROL TO PROVIDE MANUAL OVERRIDE
MECHANICAL VENTILATION TO BE COMMISSIONED AT COMPLETION STAGE.

FIRE DETECTION & ALARM SYSTEMS

PROVIDE & INSTALL A FIRE DETECTION & FIRE ALARM SYSTEM
IN ACCORDANCE WITH THE RELEVANT RECOMMENDATIONS OF BS 5839-6:2004
TO AT LEAST GRADE D CATEGORY LD3 STANDARD
LARGE HOUSES TO BE FITTED WITH A FIRE DETECTION & FIRE ALARM SYSTEM
OF GRADE B CATEGORY LD3 AS DESCRIBED IN BS 5839-6:2013
THE SMOKE & HEAT ALARMS SHOULD BE MAINS OPERATED & CONFORM TO
BS5446-1:2000 OR BS5446-2:2003 RESPECTIVELY
THEY SHOULD BE FITTED WITH A STANDBY POWER SUPPLY SUCH AS A BATTERY
(RECHARGEABLE OR NON RECHARGEABLE) OR A CAPACITOR
THE ELECTRICAL INSTALLATION SHOULD COMPLY WITH APPROVED DOCUMENT P
(ELECTRICAL SAFETY)
IT IS ESSENTIAL THAT FIRE DETECTION & FIRE ALARM SYSTEMS ARE PROPERLY
DESIGNED, INSTALLED & MAINTAINED. WHERE A FIRE ALARM IS INSTALLED AN
INSTALLATION & TEST/COMMISSIONING CERTIFICATE SHOULD BE SUBMITTED AT
COMPLETION.

ALARM LOCATIONS

TO BE LOCATED WITHIN 7 METRES OF KITCHEN/LIVING ROOMS
& 3 METRES OF BEDROOMS, MEASURED HORIZONTALLY
AT LEAST 300 mm FROM ANY WALL OR LIGHT FITTING
IF FIXED TO CEILING
150 - 300 mm BELOW CEILING IF DESIGNED TO BE WALL MOUNTED

- (S) INTER-LINKED OPTICAL SMOKE DETECTORS (INDICATED ON PLANS)
(HD) HEAT DETECTOR (INDICATED ON PLANS)
WHERE THE KITCHEN AREA IS NOT SEPERATED FROM A STAIRWAY OR CIRCULATION SPACE BY A DOOR

IT IS RECOMMENDED THAT IF AN EXISTING SMOKE DETECTION SYSTEM IS IN USE.
IT SHOULD BE EXAMINED & UPGRADED TO THE SPECIFICATION.
IE MAINS OPERATED AND INTERLINKED.

Rev Date Description

This drawing is intended for Planning & Building Regulation applications only & is not a detailed working drawing.
Building works not to commence until the necessary Planning & Building control approvals have been granted.
Contractors, subcontractors & suppliers are to check all relevant dimensions, site & building levels before commencing any shop drawings, fabrications, or building works.
Any discrepancies found in dimensions or levels to be reported to MARTECH Ltd thus enabling further checks to be carried out.
Methods of construction & materials used are the responsibility of the building contractor assigned to the project.

All new works to be carried out in accordance with Building Regs 2010 and all current codes of practice
(Drawings subject to revision until fully approved by building control)

Measurements shown are in millimeters

A3 SHEET

PAPER SIZE A3 - SCALE 1:100

0.00 m 1.00 m 2.00 m 3.00 m 4.00 m 5.00 m

A3 SHEET

PAPER SIZE A3 - SCALE 1:50

0.00 m 1.00 m 2.00 m 3.00 m 4.00 m

Drawing Title		Client	
PROPOSED SECTION A - A		Mr & Mrs P Rabbetts	
Home Address		Site Address	
13 Privet Road Waterlooville Portsmouth Hants PO7 5HJ		13 Privet Road Waterlooville Portsmouth Hants PO7 5HJ	
Scale	As Shown	Date	January 2019
Project Number	1819-109	Drawing Number	07
		Rev	0

MARTECH BUILDING DESIGN Ltd & CAD Draughting Services		
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