

PROPOSED TWO STOREY FRONT ADDITION 22, ST MARYS ROAD, HAYLING IS. HANTS FOR MR & MRS M. SMITH

NOTE CHECK ALL MEASUREMENTS ON SITE PRIOR TO THE COMMENCEMENT OF WORK.

WALLS TO BE FULLY BONDED TO THE EXISTING CAVITIES AND DAMP-PROOF COURSES TO BE MAINTAINED CONTINUOUS CLOSE ALL REVEALS WITH INSULATED CAVITY CLOSERS.

WALLS 100MM BLOCKS CLAD EXTERNALLY 100MM CAVITY WITH 50MM CELOTEX INSULATION CLIPPED TO AN INSIDE SKIN OF 100MM CELCON SOLAR BLOCKS INTERNALLY RENDER AND SET TIE WALLS WITH APPROVED STAINLESS STEEL WALL TIES EVERY 750MM HORIZONTALLY AND 450MM VERTICALLY

CATNIC LINTELS OVER ALL NEW OPENINGS, SIZE IN ACCORDANCE WITH THE MANUFACTURERS SPAN TABLES MINIMUM 150MM END BEARINGS.

STRAP DOWN NEW ROOF WITH MILD STEEL ANCHORS MINIMUM CROSS-SECTION 30MMx5MM AND AT 1.2M CENTRES.
CLOSE TOP OF NEW CAVITY WALLS WITH BRICKWORK.

WINDOWS TO BE DOUBLE AND TO ACHIEVE A U VALUE OF 1.6W/M2K TO GIVE A MINIMUM 1/20TH OF THE FLOOR AREA AS OPENING. PROVIDE 10,000 MM SQ. TRICKLE VENTS TO ALL NEW ROOMS. ANY LOW LEVEL GLAZING TO CRITICAL AREAS IN DOORS/WINDOWS SIDELIGHTS ETC. TO BE SAFETY GLASS TO B.S 6206

RAINWATER DISPOSAL VIA 100MM DIAMETER GUTTERS AND DOWNPIPE TO PICKUP INTO EXISTING SURFACE WATER DRAINS IF FOUND AVAILABLE TO LA APPROVAL ON SITE, ALTERNATIVELY TO NEW SOAKAWAYS MIN 5M FROM ANY BUILDING AND MIN 1M/3

PROVIDE MECHANICAL VENTILATION TO NEW UTILITY ROOM AND ENSUITES DUCTED TO THE EXTERNAL AIR MINIMUM CAPACITY 60 LITRES/SEC

NEW DRAINS TO BE 100MM DIAMETER APPROVED PLASTIC LAID 1.40 BEDDED AND SURROUNDED IN 150MM PEASHINGLE HAUNCH IN 150MM CONCRETE UNDER BUILDING PROTECT WITH LINTELS THROUGH FOUNDATIONS

INSERT NEW VELUX WINDOWS STRICTLY IN ACCORDANCE WITH THE MANUFACTURERS SPECIFICATION AND DETAILS FOR LEAD FLASHINGS SOAKERS ETC TRIM WITH DOUBLE RAFTERS.

ROOF TYVEK BREATHABLE FELT BATTENS AND TILES TO MATCH ON 150x50MM RAFTERS AND 100x50MM CEILING JOISTS AT 400MM CENTRES. INSULATE THE SKILLINGS WITH 100MM CELOTEX GA BETWEEN RAFTERS LEAVE 50MM AIR GAP TO FELT AND 35MM CELOTEX TB OVER RAFTERS THEN 12.5MM PLASTER BOARD AND SET FINISH INSULATE BACKS OF STUDWORK EXPOSED TO ROOF SPACE WITH 100MM CELOTEX. CEILING 12.5MM PLASTERBOARD AND SET WITH 400MM FIBRE GLASS QUILT LAID OVER ALL FIRST FLOOR WINDOWS NEW AND EXISTING MINIMUM 850x500MM OPENER FOR ESCAPE

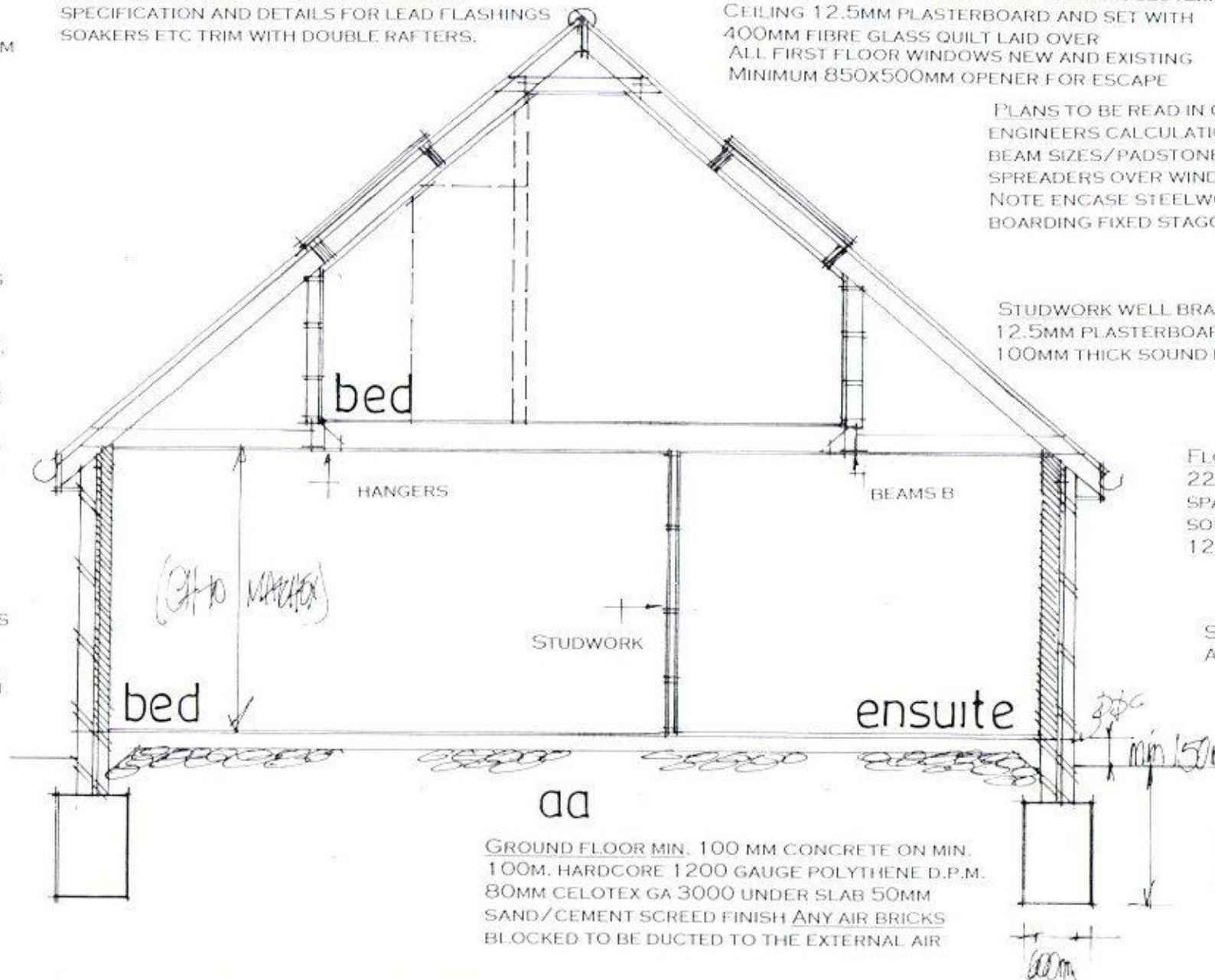
PLANS TO BE READ IN CONJUNCTION WITH THE ENGINEERS CALCULATIONS AND DETAILS FOR NEW BEAM SIZES/PADSTONES/FOUNDATIONS AND SPREADERS OVER WINDOWS.
NOTE ENCASE STEELWORK IN 12.5MM FIRELINE BOARDING FIXED STAGGERED JOINT.

STUDWORK WELL BRACED 100x50MM TIMBER WITH 12.5MM PLASTERBOARD AND SET BOTH SIDES INSERT 100MM THICK SOUND DEADENING QUILT 10KG/M3

FLOOR JOISTS 225x50MM AT 400MM CENTRES WITH 22MM T & G BOARDING OVER PROVIDE SOLID BLOCK MID SPAN STRUTTING AND INSERT 100MM FIBRE GLASS SOUND DEADENING QUILT MIN DENSITY 10KG/M3. 12.5MM PLASTER BOARD AND SET CEILING.

STRAP CEILING JOISTS WITH FLOOR JOIST AS ROOF SPREAD PRECAUTION

NOTE ANY EXISTING DRAINS UNDER THE NEW EXTENSION TO BE EXPOSED AND ENCASED IN 150MM CONCRETE AND PROTECTED WITH LINTELS THROUGH FOUNDATIONS.



FOUNDATIONS TO LOCAL AUTHORITY APPROVAL TO SUIT SITE CONDITIONS. USE ONLY CLASS A CONCRETE BLOCKS BELOW GROUND LEVEL. FOUNDATIONS ALSO TO COMPLY WITH NHBC PRACTICE NOTE WITH REGARD TO ANY TREES. TRENCH FILL FOUNDATIONS.



date jan 2018
scale 1:50

SECTION DRAWING

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