

PROPOSED ALTERATIONS AND ADDITIONS THE RETREAT, CROFT LANE, HAYLING ISLAND, HANTS. FOR MR M. COOPER.

DORMER CHEEKS AND FACE TO BE WELL BRACED
100MMX50MM TIMBERS FELT BATTENS AND MARLEY
SHIPLAP BOARDING EXTERNALLY 100MM CELOTEX TUFF
R INSULATION VAPOUR BARRIER AND 12.5MM
PLASTERBOARD AND SET INTERNALLY
NOTE DORMER CHEEKS TO BE BUILT OFF TREBLE
RAFTERS

DORMER FLAT ROOF 3 LAYERS ASBESTOS BASED FELT
TO BS747 LAID TO CP144, 12.5MM CHIPPINGS OVER
ON CELOTEX TD 4126 (126MM) INSULATED ROOF
DECKING ON 150X50MM JOISTS AT 400MM CENTRES
WITH 12.5MM PLASTERBOARD AND SET CEILING.
NOTE JOISTS TAKEN INTO WEBB OF BEAM B, SEE THE
ENGINEERS DETAIL FOR STRAPPING OVER

WALLS 100MM BLOCKWORK RENDERED TO MATCH
EXTERNALLY 100MM CAVITY WITH 50MM CELOTEX
INSULATION CLIPPED TO 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 OPENINGS, SIZE IN
ACCORDANCE WITH THE MANUFACTURERS SPAN
TABLES MINIMUM 150MM END BEARINGS.

STRAP DOWN NEW ROOF/GABLE END AND FIRST
FLOOR JOISTS 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 GLAZED AND TO ACHIEVE A
U VALUE OF 1.6W/M2K WITH A MINIMUM 1/20TH OF
THE FLOOR AREA AS OPENING. PROVIDE 10,000 MM
SQ. TRICKLE VENTS TO ALL NEW ROOMS. NOTE ANY
LOW LEVEL GLAZING TO CRITICAL AREAS IN EITHER
DOORS/WINDOWS/SIDELIGHTS ETC. TO BE SAFETY
GLASS TO B.S 6206

RAINWATER DISPOSAL VIA 100MM DIAMETER GUTTERS
AND DOWNPIPE TO NEW SOAKAWAYS MIN 5M FROM
ANY BUILDING AND MIN 1M/3
ANY NEW RADIATORS TO BE FITTED WITH TRV VALVES.

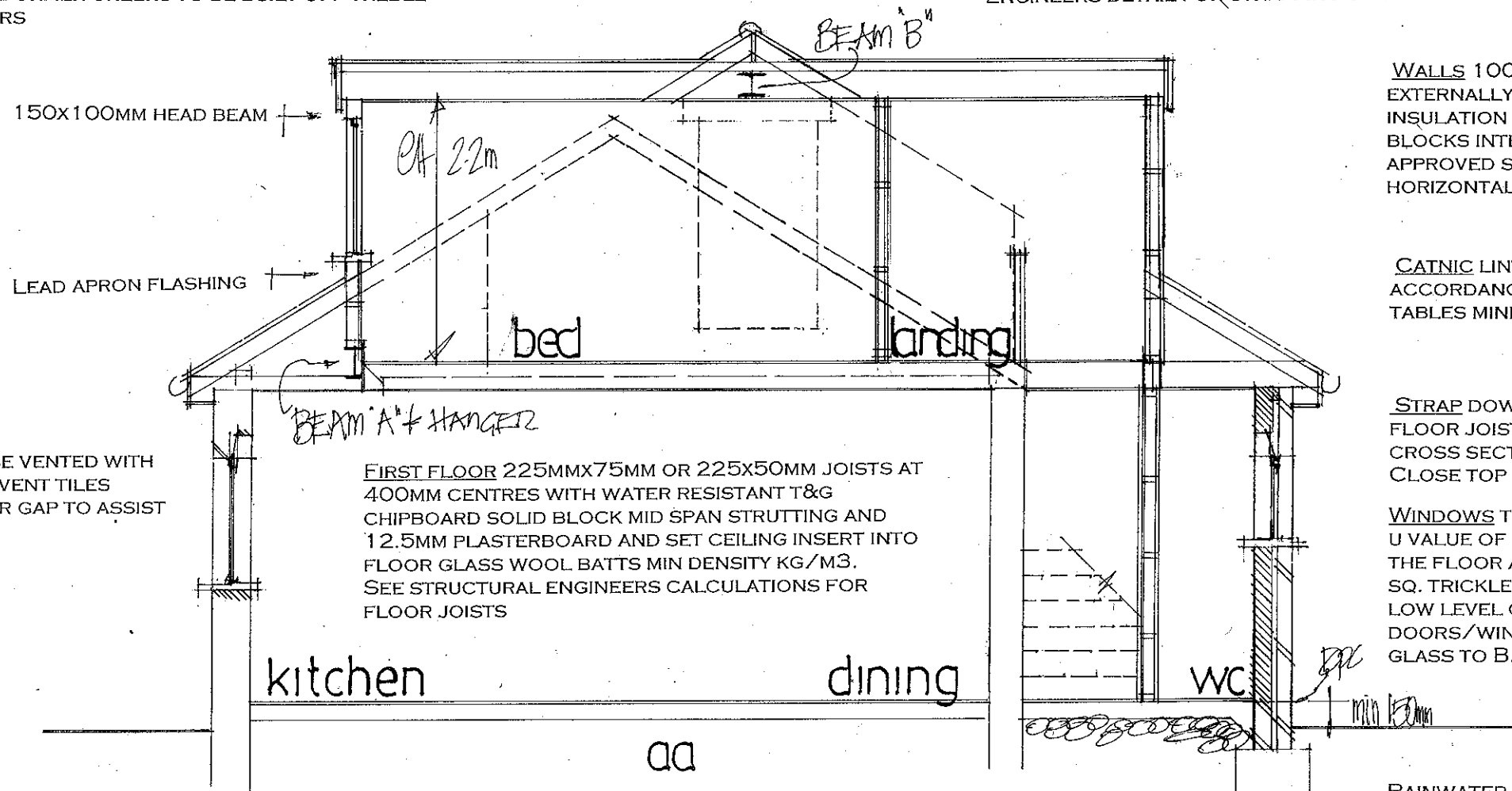
WALLS FULLY BONDED AND CAVITIES MAINTAINED
CONTINUOUS, CLOSE ALL REVEALS WITH VERTICAL DPC
AND INSULATED CAVITY CLOSERS.

NOTE THE EXISTING ROOF IS ALSO TO BE VENTED WITH
GLIDEVALE OR SIMILAR PROVIDE RIDGE VENT TILES
EQUIVALENT TO A 6MM CONTINUOUS AIR GAP TO ASSIST
WITH CROSS FLOW VENTILATION.

FIRST FLOOR 225MMX75MM OR 225X50MM JOISTS AT
400MM CENTRES WITH WATER RESISTANT T&G
CHIPBOARD SOLID BLOCK MID SPAN STRUTTING AND
12.5MM PLASTERBOARD AND SET CEILING INSERT INTO
FLOOR GLASS WOOL BATTS MIN DENSITY KG/M3.
SEE STRUCTURAL ENGINEERS CALCULATIONS FOR
FLOOR JOISTS

FOUNDATIONS TO BE MINIMUM 1 M. DEEP 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.
NOTE TRENCH FILL FOUNDATIONS

PLANS TO BE READ IN CONJUNCTION WITH THE
STRUCTURAL ENGINEERS CALCULATIONS AND DETAILS
FOR BEAMS/BEARINGS/TRIMMERS AND PAD STONES
FOUNDATIONS ETC.
STEELWORK TO BE ENCASED IN 2 LAYERS 9.5MM
PLASTERBOARD AND SET FIXED STAGGERED JOINT.



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scale 1:50

SECTION DRAWING

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