PROPOSED SINGLE STOREY REAR ADDITION.
4, LOVEDEAN LANE, LOVEDEAN, HANTS.
FOR MR & MRS N. HOCKIN.

ELECTRICAL INSTALLATION BY APPROVED CERTIFICATED ELECTRICIAN TO COMPLY WITH APPROVED DOCUMENT P.
CERTIFICATE TO BE ISSUED ON COMPLETION OF WORK.
BY COMPETENT APPROVED CERTIFICATED ELECTRICIAN
USE ENERGY EFFICIENT LIGHT BULBS AND FITTINGS.

PERMIT

WALLS 112MM FACEBRICKS TO LA APPROVAL EXTERNALLY 100MM CAVITY WITH 50MM CELOTEX CLIPPED TO 100MM CELCON SOLAR BLOCKS INTERNALLY RENDER AND SET TIE WALLS WITH APPROVED STAINLESS STEEL WALL TIES EVERY 750MM HORIZONTALLY AND 450MM VERTICALLY

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.

PROVIDE MECHANICAL VENTILATION TO KITCHEN AND ALSO WET ROOM AND UTILITY DUCTED TO THE EXTERNAL AIR MINIMUM CAPACITY 60 LITRES/SEC

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

ROOF 3 LAYERS ASBESTOS BASED FELT TO BS5572 LAID TO CP 144, 12.5MM CHIPPINGS OVER ON 25MM ROOFING GRADE BOARDING ON 200X50MM JOISTS AT 400MM CENTRES TO MARRY WITH EXISTING ROOF AND FIR TO FALL. PROVIDE 150MM CELOTEX INSULATION OVER 12.5MM PLASTERBOARD AND SET CEILING LEAVE MINIMUM 50MM AIR GAP OVER.

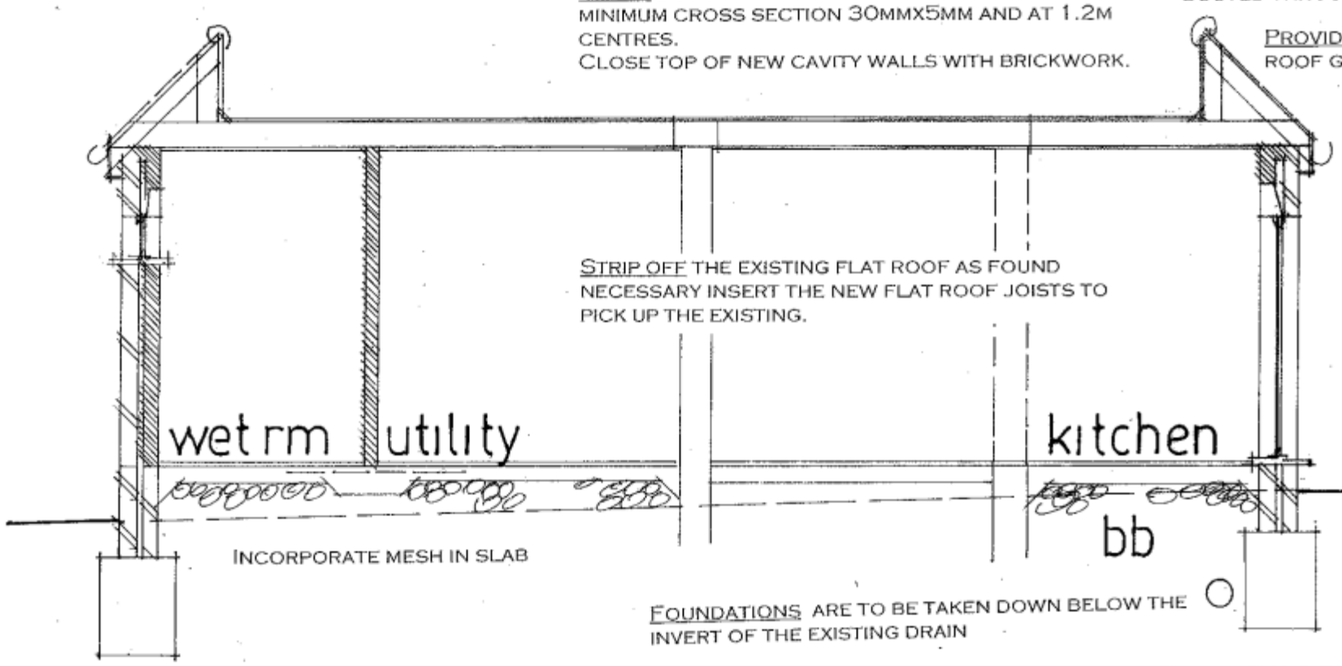
CATNIC LINTELS OVER ALL OPENINGS, SIZE IN ACCORDANCE WITH THE MANUFACTURERS SPAN TABLES MINIMUM 150MM END BEARINGS.

FRAME UP TILE BONNET TO MATCH THE EXISTING WITH 100X50MM RAFTERS AND UPRIGHTS AT 400MM CENTRES, FELT BATTENS AND TILES TO MATCH THE EXISTING. NOTE FORM LEAD RAINWATER OUTLETS DUCTED THROUGH.

NEW ROOFLIGHT TO BE INSERTED AS PER THE MANUFACTURERS SPECIFICATION FOR LEAD FLASHINGS ETC AND TRIMMED WITH DOUBLE JOISTS. MANUFACTURERS DETAILS TO BE SUBMITTED FOR APPROVAL BY LA BUILDING CONTROL PRIOR TO THE COMMENCEMENT OF ANY WORK ON SITE.

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.

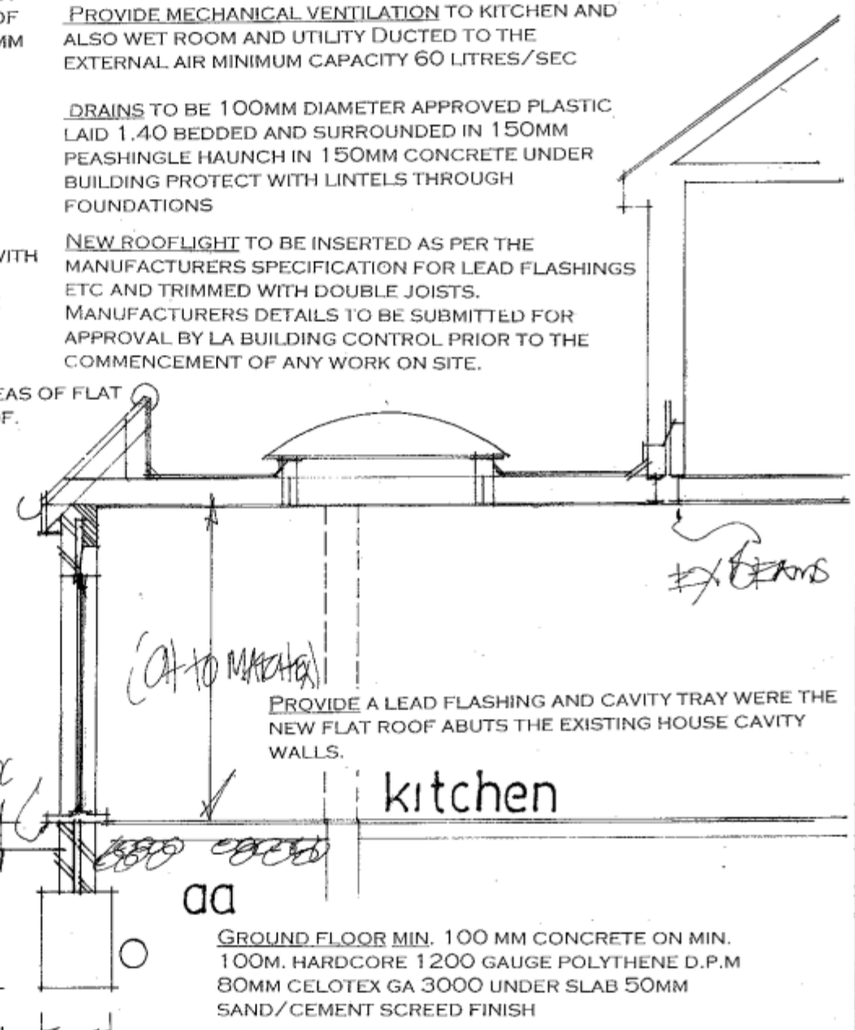
PROVIDE 25MM SOFFIT VENTS TO NEW AREAS OF FLAT ROOF GLIDE OR SIMILAR. CROSS VENT ROOF.



STRIP OFF THE EXISTING FLAT ROOF AS FOUND NECESSARY INSERT THE NEW FLAT ROOF JOISTS TO PICK UP THE EXISTING.

INCORPORATE MESH IN SLAB

FOUNDATIONS ARE TO BE TAKEN DOWN BELOW THE INVERT OF THE EXISTING DRAIN



PROVIDE A LEAD FLASHING AND CAVITY TRAY WERE THE NEW FLAT ROOF ABUTS THE EXISTING HOUSE CAVITY WALLS.

GROUND FLOOR MIN. 100 MM CONCRETE ON MIN. 100M. HARDCORE 1200 GAUGE POLYTHENE D.P.M 80MM CELOTEX GA 3000 UNDER SLAB 50MM SAND/CEMENT SCREED FINISH

FOUNDATIONS TO BE MINIMUM 1.2 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 IF REQUIRED.

SINGLE STACK PLUMBING TO BS 5572 USE 75MM DEEP SEAL TRAPS SVP TO TERMINATE WITH DURGO UNIT ABOVE THE LEVEL OF THE INLET OF THE HIGHEST FITTING, PROVIDE RODDING ACCESS AT BASE OF STACK.

STUDWORK 100MMX50MM WELL BRACED TIMBER BUILT OFF DOUBLE JOISTS WHERE APPROPRIATE 30MM PLASTERBOARD AND SET BOTH SIDES INSERT 100MM GLASSWOOL BATTS MIN DENSITY 10KG/M3

PROVIDE SMOKE DETECTORS TO BOTH FLOORS MAINS OPERATED AND INTERLINKED WITH BATTERY BACKUP.

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

PETER J. WALKER MRICS
CHARTERED SURVEYOR
182 SEAFRONT, HAYLING ISLAND, HANTS
PO11 9 AN

TEL: 02392 467571

date dec 2011
scale 1:50

SECTION DRAWING

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