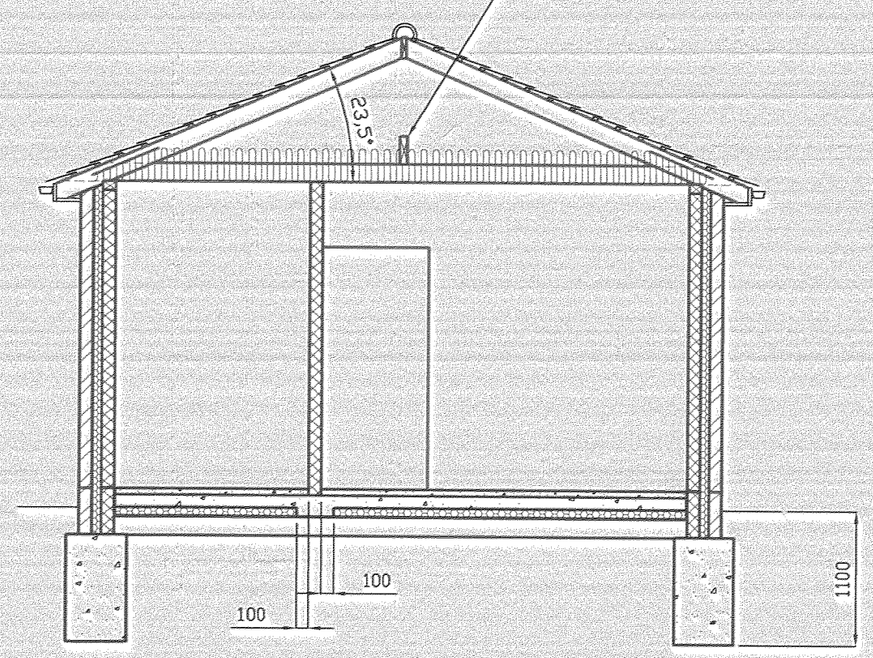
GABLE END ROOFS

PITCH ANGLE 23.5° TO MATCH EXISTING
CONC" TILES TO MATCH
ON BATTERNS 50 x 25 ,ON ROOFING FELT
PROVIDE ROOF VENTILATION TO EAVES
EQUAL TO 10000mm2 /m
PROVIDE ROOF VENTILATION AT HIGH LEVEL
EQUAL TO 5000mm2 /m

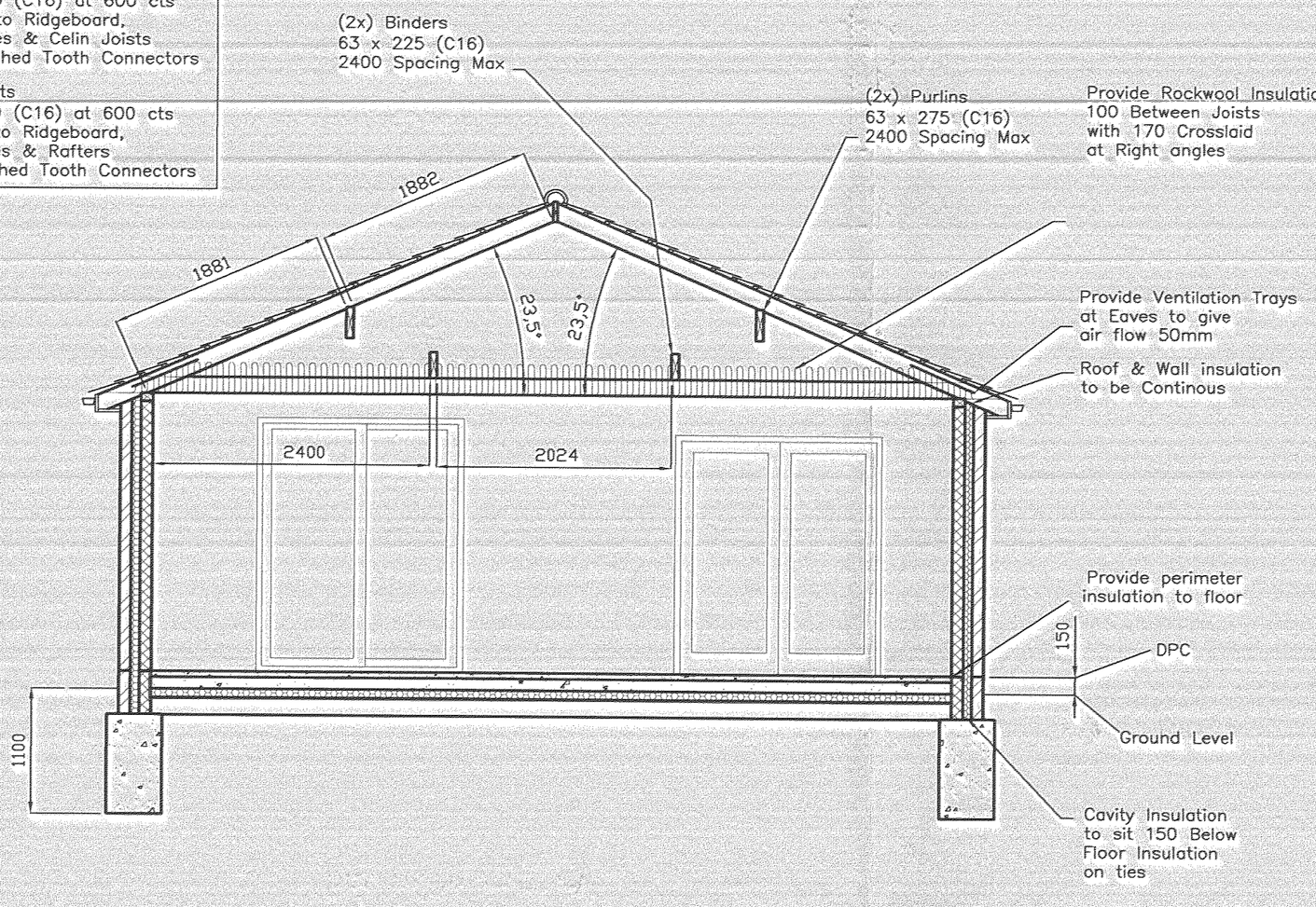
Provide Galvonised St Restraint Straps
5 x 30 x 1200
(Secured to 3 celin Joists/Rafters)
Every 1.5m
Provide noggings at all these strap
positions at least 1m in length

Traditional Rafters
38 x 150 (C16) at 600 cts
Secured to Ridgeboard,
Wall Plates & Celin Joists
With Notched Tooth Connectors

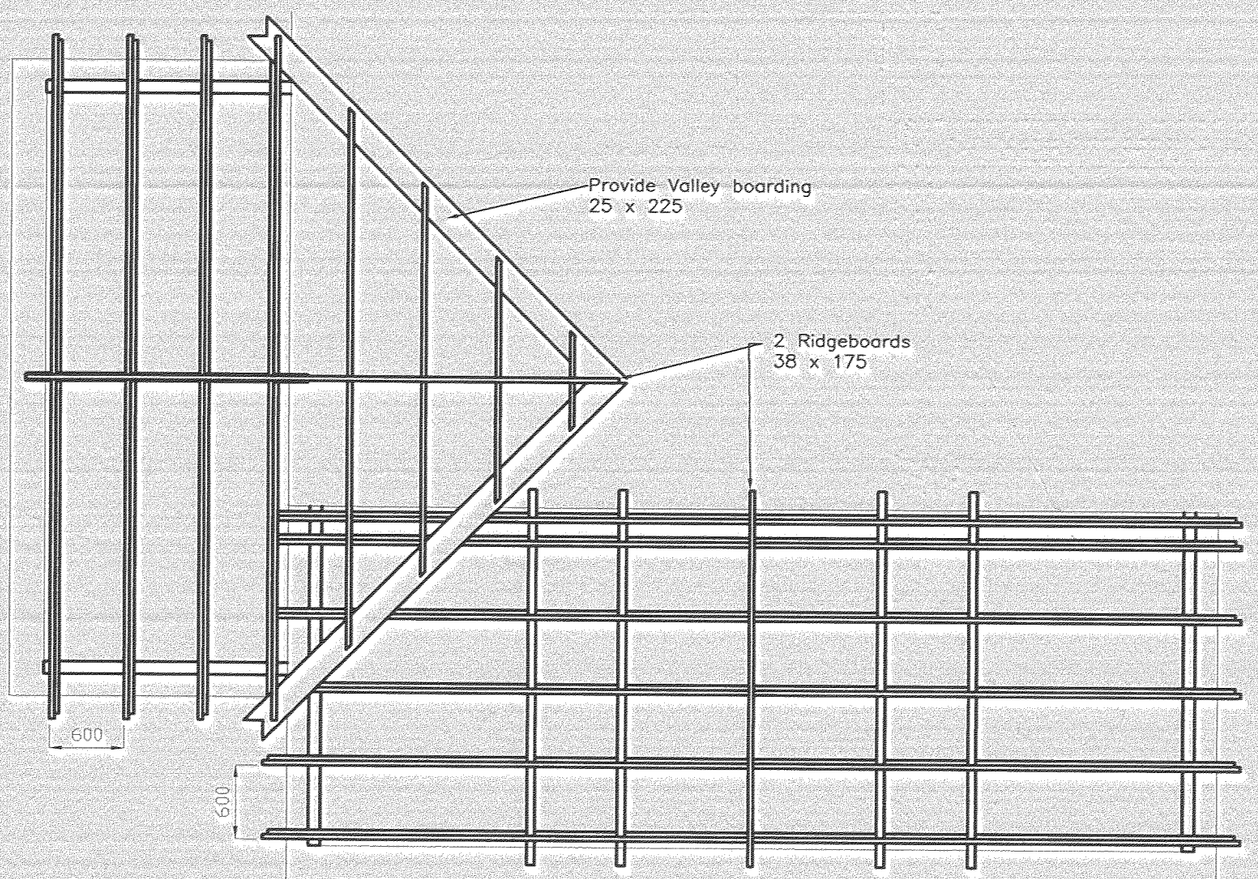
Celin Joists
38 x 150 (C16) at 600 cts
Secured to Ridgeboard,
Wall Plates & Rafters
with Notched Tooth Connectors



SECTION B–B



SECTION A–A

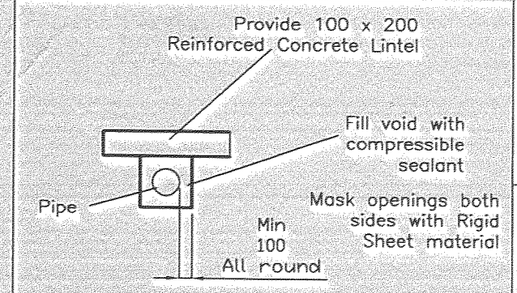


Wall plates 75 x 100
Secured to Walls with
Galvonised St Straps 5 x 30
Every 1.8m

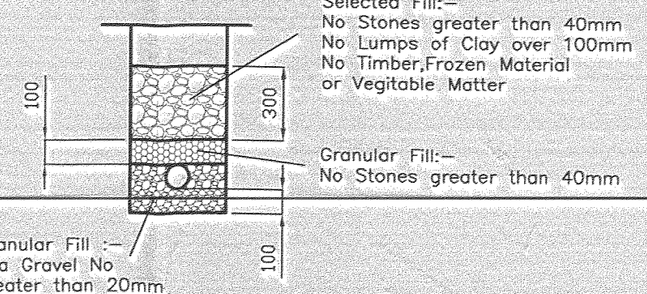
ROOF PLAN

RADON GAS PROTECTION

Note – Damp Proof Membrane
1200 gauge to extend across
cavity and through exteranal wall,
and seal all gaps with
vapour resistant tape,
provide cavity tray above DPM



DETAILS OF PIPEWORK
PASSING THROUGH FOUNDS



BEDDING FOR FLEXIBLE
STORM & FOUL PIPES

SPACE HEATING

1– USING EXISTING BOILER
a) PROVIDE THERMOSTSTIC RADIATOR VALVES TO
EACH NEW RADIATOR FITTED

HOT WATER HEATING

1– USING EXISTING BOILER
a) PROVIDE STORAGE VESSEL TO BS 1566/3198
b) PROVIDE THERMOSTAT TO SHUT OFF SUPPLY
UPON REACHING STORAGE TEMPERATURE
c) PROVIDE A TIMER TO SHUT OFF THE HEAT SUPPLY
WHEN HOT WATER IS NOT REQUIRED

ELECTRICAL INSTALLATION

ALL ELECTRICAL WORK TO MEET THE REQUIREMENTS OF
PART "P" (Electrical Safety) & MUST BE DESIGNED,
INSTALLED & TESTED BY A PERSON COMPETENT TO DO SO

INSTALLER TO PROVIDE A CERTIFICATE TO BS 7671
PRIOR TO COMPLETION BY A COMPETTENT PERSON

NEW FOUNDATIONS (see tree root influences)

(See any imposed B.C conditions)

PRIOR TO CONSTRUCTION, PROVIDE VERIFICATION OF THE
SUITABILITY TO COMPLY WITH "NHBC Chap 4.2"
CAVITY WALLS TO SIT ON CONCRETE STRIP
490 x 775 AT 1.1m BELOW GROUND

DRAINAGE

SURFACE WATER – 100 HR GUTTERING
TO ø 65 RWP TO GULLIES
TO ø100 PVC UNDERGROUND PIPEWORK TO EXISTING STORM SYSTEM
FOUL WASTE– INTERNAL PIPEWORK ø 38 PVC
ALL SANITARY FITTINGS TO HAVE ANTISYPHONE FACILITY
TO TRAPPED GULLIES TO ø 100 PVC UNDERGROUND
PIPEWORK TO EXISTING INSPECTION CHAMBER
ANY UNDERGROUND PIPEWORK WITHIN 1METRE OF FOUNDATIONS
TO BE ENCASED IN CONCRETE

WALLS FOR EXTENSIONS 0.28W/m2 k

1 –CAVITY WALLS –OUTER LEAF IN FACING BRICKS TO MATCH
75 mm CAVITY, FULL FILL WITH DRYTHERM 32 ULTIMATE –75 THICK
INNER LEAF IN 100 CELCON (SOLAR) or THERMALITE (TURBO) 2.9N/mm² BLOCKS,
PROVIDE STAINLESS St WALL TIES AT 900 HORIZONTAL x 450 VERICAL SPACINGS,
AT ALL REVEALS TIES SHOUD BE 300 VERICAL & 225 HORRIZONTAL FROM SIDES
13mm LIGHTWEIGHT PLASTER ALLROUND
FILL CAVITIES TO 225 BELOW DPC
2 – PARTITION WALLS – 100 CELCON (SOLAR) BLOCKS
13mm LIGHTWEIGHT PLASTER ALLROUND

FLOORS 0.22 W/m² k

SOLID– 50 LATEX SCREED
ON 100 REINFORCED CONCRETE,
ON 1200 GAUGE POLYTHENE DPM
ON EITHER KINGSPAN Thermafloor TF70 zero ODP (80mm Thick)
or CELOTEX tuff–Rtm GA3080
ON 1200 GAUGE POLYTHENE DPM
ON 150 HARDCORE

GENERAL NOTES

1– ALL LOAD BEARING BEAMS TO BE ENCASED EITHER
IN 2 SKINS OF 13mm P;ASTERBOARD WITH 5mm SKIM
OR 20mm THICK PERLITE GYPSUM PLASTER TO GIVE 1/2hr FIRE RESISTANCE
2– LINTELS TO EXTERIOR WALLS TO BE
COATED IN BITUMEN ,TOP & FRONT
3– ALL CAVITIES TO BE CLOSED (EXCEPT EAVES), & INSULATED FLEXIBLE DPM
PROVIDED AT ALL JAMBS, ETC
4– ALL WINDOWS TO HAVE TRICKLE VENTILATION EQUAL TO 8000mm²
5– ALL LIGHT SWITCHES TO BE PLACED BETWEEN 450 & 1200mm FROM FLOOR
6– ALL DOUBLE SOCKETS (2 PER ROOM Min) TO BE PLACED BETWEEM
450 & 1200mm FROM FLOOR
7– PROVIDE MECHANICAL VENTILATION TO NEW EN SUITE EQUAL TO 15 LITRES/SEC
WITH 15 MINUTE OVERUN OPERATED BY LIGHT SWITCH
8– ALL GLASS IN DOORS & WINDOWS BELOW 1500mm TO BE TOUGHENED TO BS6206
9– PROVIDE 2 COURSES OF BLUE (ENGINEERING) BRICKS ALL ROUND
10– PROVIDE FURFIX PROFILES TO ANCHOR ALL NEW WALLS
11– PROVIDE FACIAS 25 x 175 (to match)
12– PROVIDE SOFFIT 25 x 220 (to match) WITH 25 GAUGE MESH VENT
13– PROVIDE LEAD LINED VALLEYS TO BS STANDARDS

Proposed Rear & Side Extension to 21 Middlefield Close Hinckley Leicestershire LE10 0RJ

Sheet 2 of 2	SCALE 1:50	DATE 30th June 2011

11/00540/FUL
DC PLAN