

Drawing Notes

1. all dimensions are in millimeters unless noted otherwise. DO NOT SCALE FROM DRAWING.
2. this drawing is to be read in conjunction with all other relevant architects and engineers drawings.
3. contractor to check all dimensions and levels on site before work commences and report any discrepancies or variations to the architect or engineer immediately.
4. all works shall be in accordance with the technical specification and written manufacturer's recommendations. all works are to be carried out in accordance with the approved method statement and use of appropriate ppe.
5. a written method statement shall be issued specifying how the works are to be safely undertaken.
6. all new steel is to be to BS 10025 grade s 275 jr.
7. all bolts to be grade 8.8 black bolts. all bolts are to be properly tightened.
8. all weld connections to be continuous 8mm fillet weld.
9. contractors are to visit the site before tendering to familiarize themselves with all aspects of the proposals.
10. the successful contractor will be responsible for obtaining from site all information necessary for the satisfactory execution and completion of the works.

STRUCTURAL DETAILS - PHASE 2 OF 2
Proposed Loft Conversion / Development

Status: Construction | Scales: As Shown | Date: 21/08/2011 | Revision: Ø

DRAINAGE- SURFACE WATER (BELOW GROUND)
To be half round or Deepflow UPVC gutters as appropriate into 69mm dia UPVC discharge pipes either:
a) Hard paved areas - trapped back inlet gullies with pipes discharging below level of gratings. Gullies to be coupled to rodding access points
b) In soft soil areas - into easy bend via rubber adaptor as Terrain or silmar approved
Taken via 100mm drain system into existing system

① Lintel to be Catnic CU 90/100 SWL = 29KN

HEATING AND HOT WATER
Existing Central heating system to be extended to include new extension. Design temperature of 21.0 C to be achieved in all new rooms when external ambient temperature is -10 C Hot water to be instantaneous. All pipework to be small bore copper tube and visible pipe drops to be kept to a minimum.

ELECTRICS
Existing electric incoming supply to be checked. The electrician is to provide copies of certificates of Qualification and certificate of system compliance in accordance with Part P of the Building Regulations at the completion of the work.

ELECTRICAL SWITCHES AND SOCKETS
Switches and socket outlets for lighting and other equipment in habitable rooms shall be located between 450mm and 1200mm from FFL

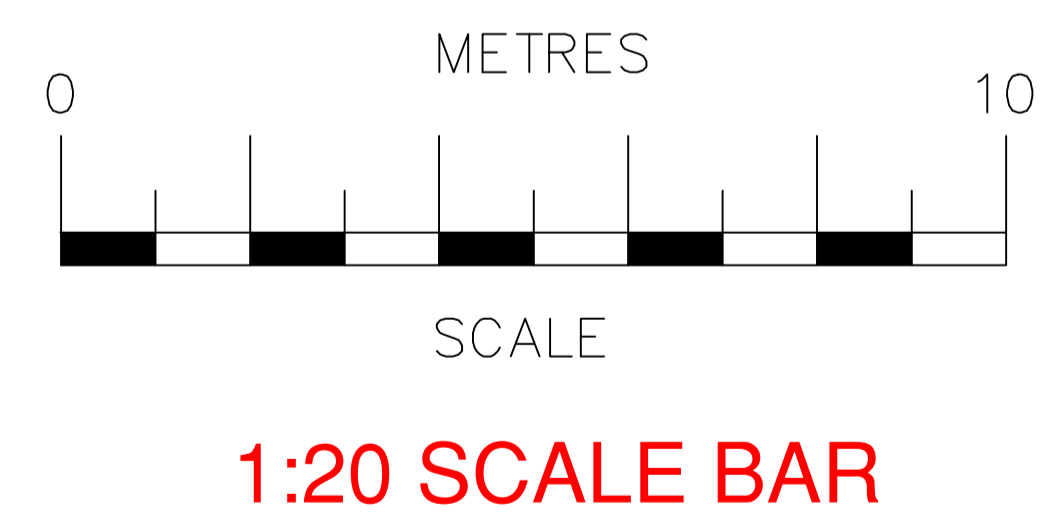
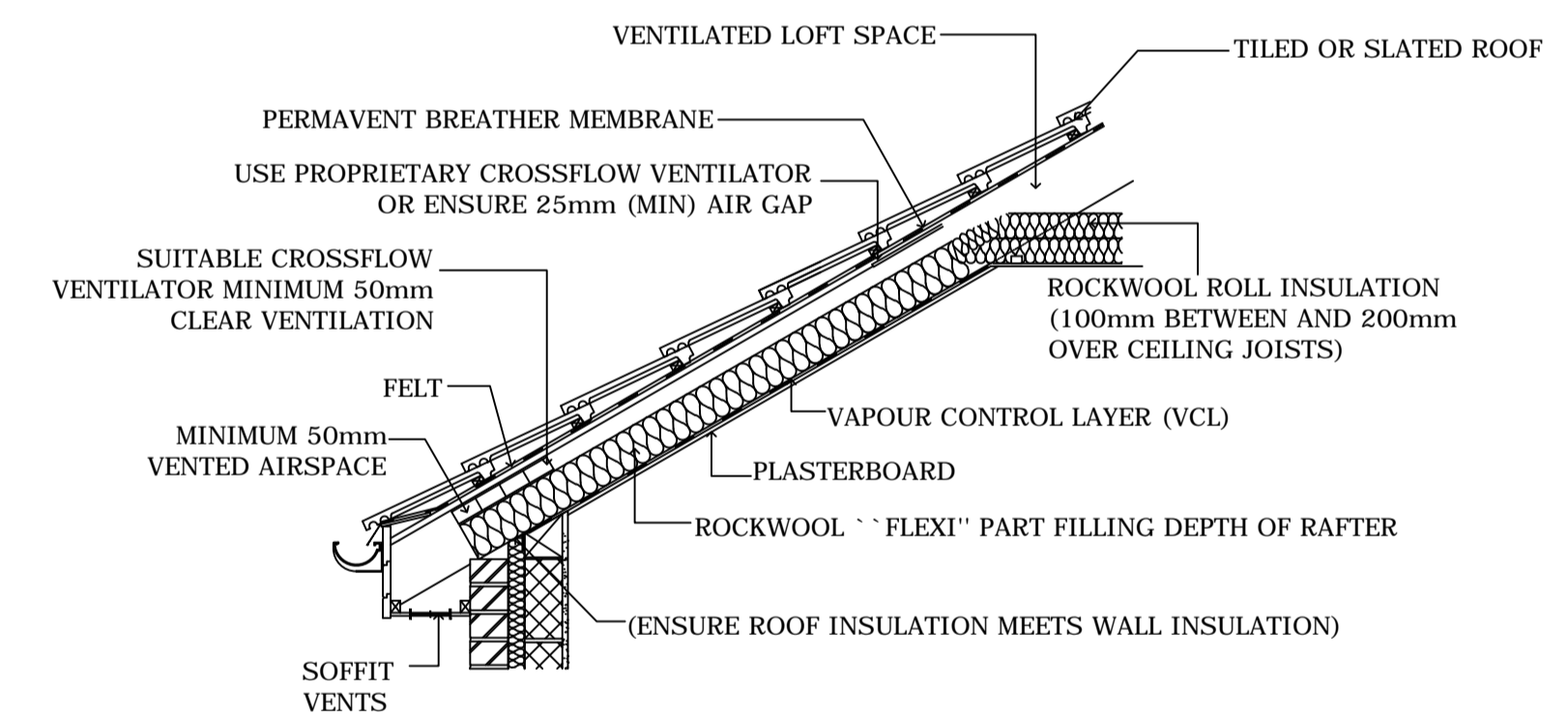
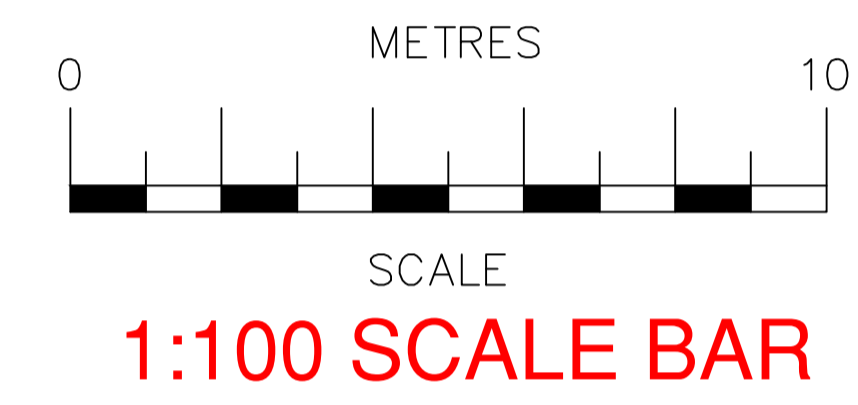
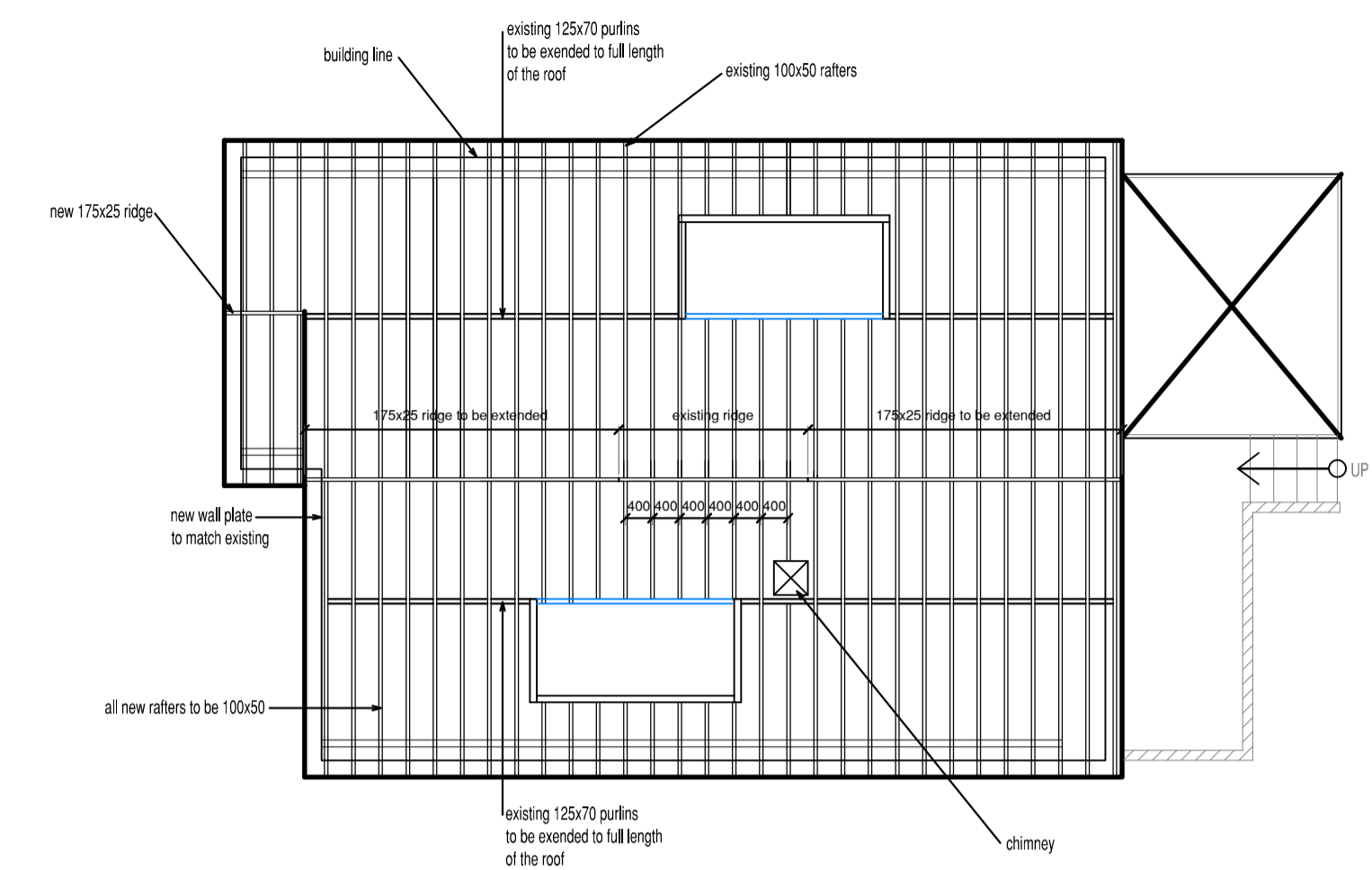
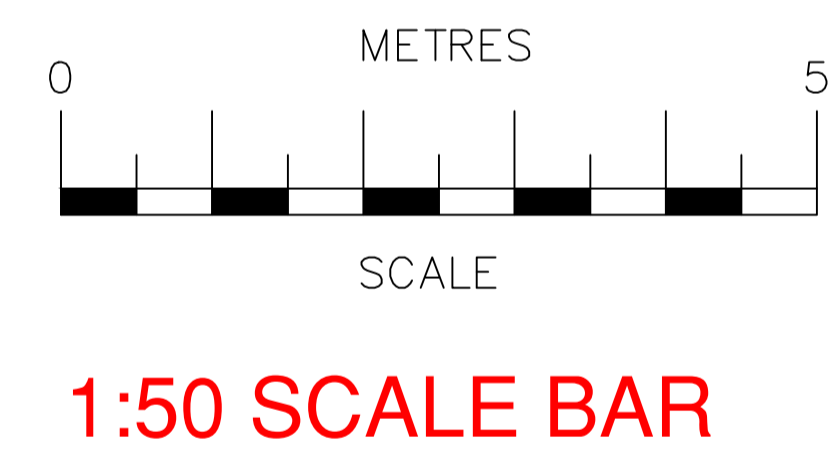
WINDOWS AND DOORS
To match existing. Glazing to be generally 24mm double glazed units (4mm outer pane/16mm air gap /4mm inner pane) with a low emissivity (en 0.10) argon filled. WINDOWS TO ACHIEVE A MIN U VALUE OF 1.8 W/M2K.

Opening lights to windows to be a min. of 1/20th floor area of which some part is 1750mm above finished floor level. Window dimensions indicated on plan. Windows to habitable rooms to be fitted with trickle ventilators providing an area of not less than 8000sq. mm. Openings to be controllable.

EXTERNAL CAVITY WALL CONSTRUCTION
Outer and inner leaf to be Celcon Hi-seven or similar approved blockwork. 100mm cavity fully filled with 100mm Crown Dritherm insulation. Inner leaf to be with 12.5mm Gyproc plasterboard on dabs with skim coat finish. Engineering bricks to be used below DPC in both leaves.

WALL CONSTRUCTION TO ACHIEVE A MIN U VALUE OF 0.30 W/M2K.

Code 4 lead flashings and cavity trays to all abutments, including full cavity tray and weep/vents @ max 1.5m c/cs at the flat roof abutment. Min 3No.



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