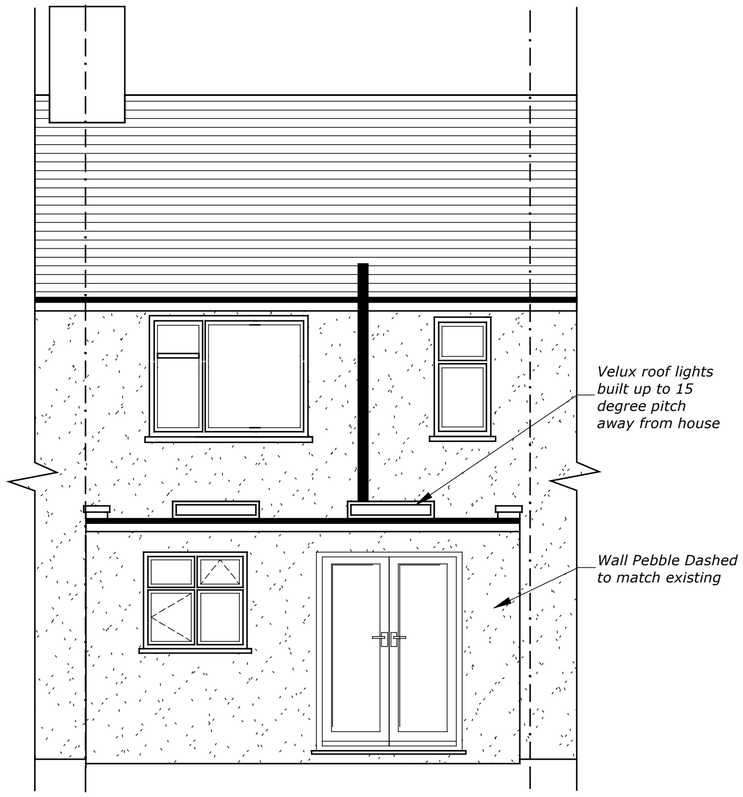
Existing Rear Elevation



Proposed Rear Elevation

Water Supply - A suitable installation for the provision of wholesome water should be provided to any new WHD, WC, baths or showers fed from the main supply in accordance with Approved Document G1.

All code 4 lead flashings to roof to have minimum 150mm upstand

Ensure adequacy of existing boiler for increased capacity. New boiler (if required) to be of condensing type with an efficiency rating of 90% or higher and with an energy banding of A or B and installed by a CORGI registered Heating Engineer to manufactures instructions. New pipe runs and radiators to be positioned to clients requirements and fitted with thermostatically controlled temperature control valves. Provide pipe lagging to all pipe work within roof void to avoid freezing.

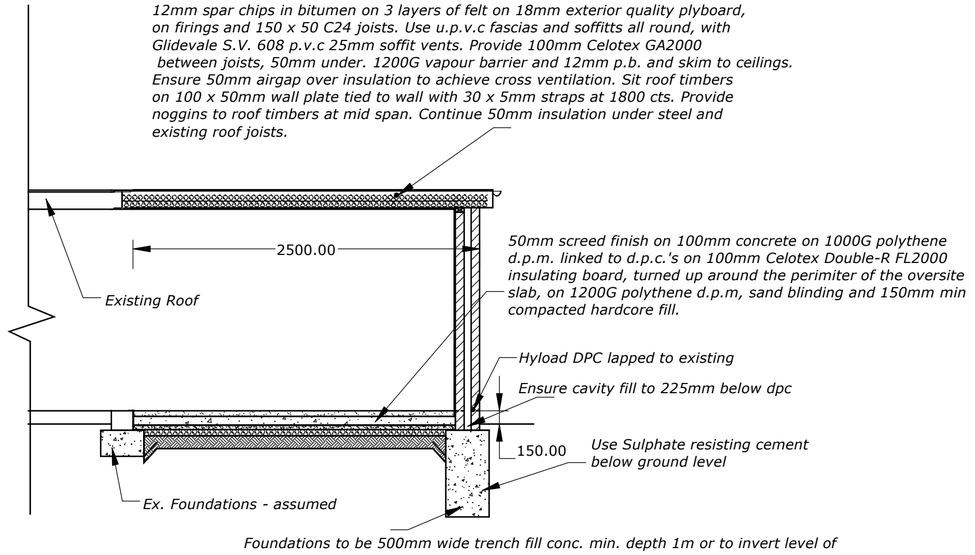
Provide all necessary temporary protective screens, hoardings, scaffolding and structural shoring to ensure the property is secure and weather resistant during the course of the contact and to ensure the safe and proper execution of the works. The building contractor is to undertake any necessary preliminary investigations and accept full responsibility for the overall safety of the works and integrity of the adjacent existing structures during the works.

Party wall etc ACT 1996: Written notice must be given to adjoining owners prior to start work on site 2 months notice for works to party wall or party structure or 1 month notice for all other works. Note: Conformity to this act with regard to excavating within 3m of neighbours foundations is determined at start of excavation and to the approval of the Local Authority Building Control Officer.

Additional loading of any existing elements that are to be subjected to additional loading their suitability are to be opened up to be confirmed and approved by the Local Authority Inspector prior to opening.

New Drains to be 100mm 'Osma' p.v.c. pipes set in 150mm pea shingle, 1:60 min fall. Encase existing drains in 150mm concrete where passing under buildings and provide relieving lintels where passing under walls. New M.H's to be either Upvc or 600 x 500mm, with 150mm conc base and 230mm semi-engineering brick walls. All internal manholes to have double sealed screwed down M.H. covers, flush with floor level (non-corrosive screws). Protect new drains where passing building with 150mm concrete overlay above pea shingle encasement.

Steel beams to be fire protected via two layers of 12.5mm plasterboard with joints staggard and 5mm plaster skim to achieve minimum of 30 minutes fire resistance.



Section (Not to Scale)

MINIMUM SPECIFIED COMPRESSIVE STRENGTH OF CONCRETE

TYPE OR LOCATION OF CONCRETE CONSTRUCTION	MINIMUM SPECIFIED COMPRESSIVE STRENGTH (1) (F'c) WEATHERING POTENTIAL (2)		
	NEGLIGIBLE	MODERATE	SEVERE
BASEMENT WALLS AND FOUNDATIONS NOT EXPOSED TO THE WEATHER	2,500	2,500	2,500 (3)
BASEMENT SLABS AND INTERIOR SLABS ON GRADE EXCEPT GARAGE FLOOR SLABS	2,500	2,500	2,500 (3)
BASEMENT WALLS FOUNDATION WALLS, EXTERIOR WALLS AND OTHER VERTICAL CONCRETE WORK EXPOSED TO THE WEATHER	2,500	3000 (4)	3000 (4)
PORCHES CARPORT SLABS AND STEPS EXPOSED TO THE WEATHER, AND GARAGE FLOOR SLABS.	2,500	3000 (4)	3000 (4)

(1) AT 28 DAYS P.S.I.

(2) SEE CAB OTABLE No. R-201.2 FOR WEATHERING POTENTIAL.

(3) CONCRETE IN THESE LOCATIONS WHICH MAY BE SUBJECT TO FREEZING AND THAWING DURING CONSTRUCTION SHALL BE AIR-ENTRAINED CONCRETE IN ACCORDANCE WITH FOOTNOTE (4).

(4) CONCRETE SHALL BE AIR ENTRAINED TOTAL AIR CONTENT (PERCENT BY VOLUM N OF CONCRETE) SHALL BE NOT LESS THAN 5 PERCENT OR MORE THAN 7 PERCENT.

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CIOB

0 2 4 6 8 10

Scale Bar 1 to 50 (M)

drawing title
Rear Elevations and Section

Scheme
Single Storey Rear Extension

site
32 Astwick Avenue

scale 1:50
date Febuary 2011

drawing no. 1105/02
revision A