MAR 2013 234



ELECTRICAL INSTALLATION
All electrical work required to meet the requirements of Part P (electrical safety) will be designed, installed, inspected and tested by a person competent to do so. On completion the Local Authority must be satisfied that either :- An electrical installation certificate issued under a Competent Person Scheme has been issued to the client; or
Appropriate forms and certificates defined in BS 7671 (as amended) have been submitted that confirm the work has been inspected and tested by a competent person.
A competent person will have a sound knowledge and experience, relevant to the nature of the work undertaken and to the technical standards set down in BS 7671, be fully versed in the inspection and testing procedures contained in the regulations and employ adequate testing equipment.



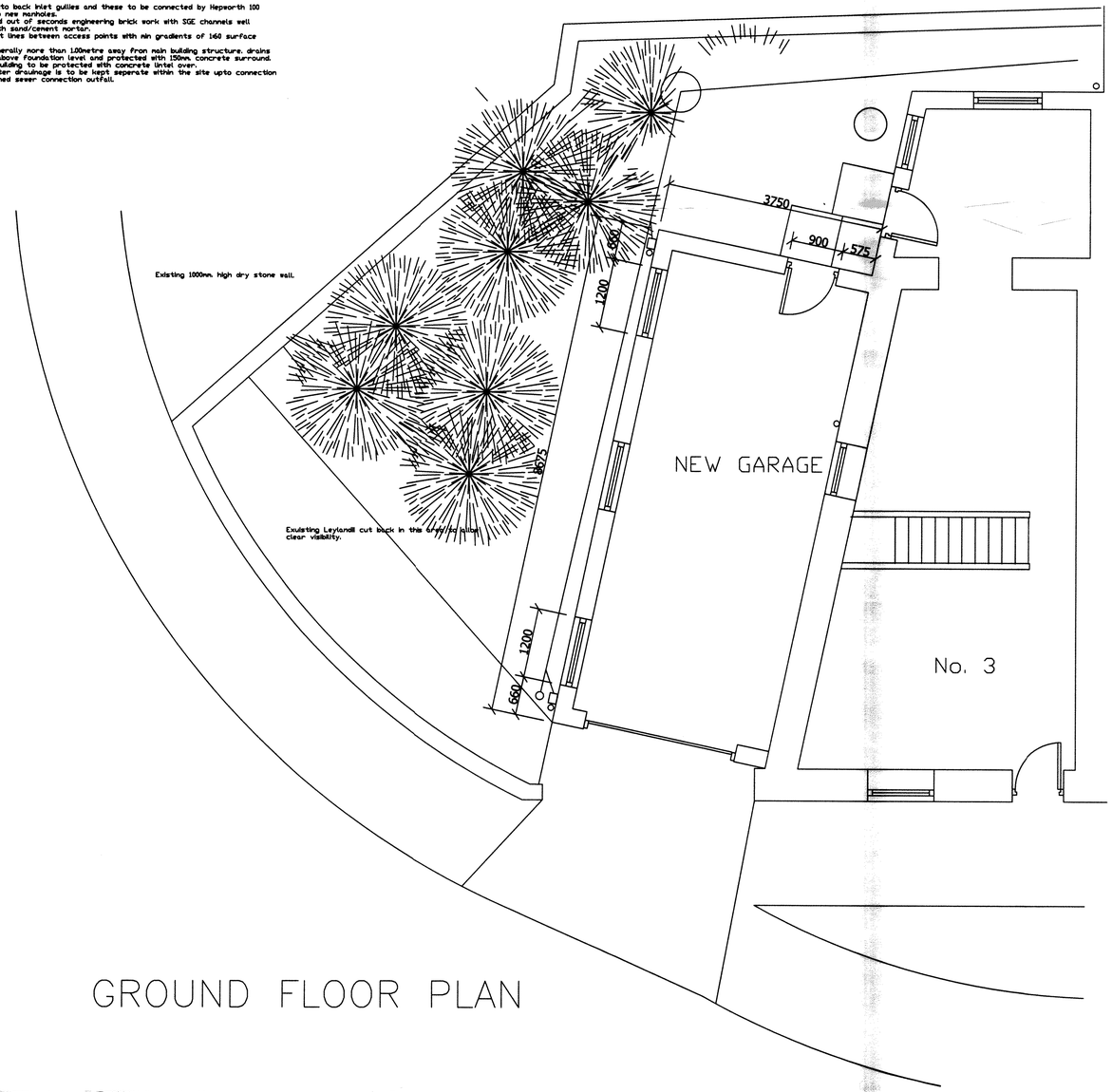


FRONT ELEVATION

SIDE ELEVATION

REAR ELEVATION

Drainage
RWP'S to discharge into back inlet gullies and these to be connected by Hepearth 100 supasieve drains into new manholes.
Manholes constructed out of seconds engineering brick work with SGE channels well haunched up in smooth sand/cement mortar.
Drains laid in straight lines between access points with min gradients of 1:60 surface water and 1:40 foul.
Drains to be laid generally more than 1.00metre away fron main building structure. drains within 1 metre kept above foundation level and protected with 150mm. concrete surround.
Drains passing into building to be protected with concrete lintel over.
Foul and surface water drainage is to be kept seperate within the site upto connection into the single combined sewer connection outfall.



GROUND FLOOR PLAN

Fit insulated cavity closers and vertical and horizontal dpc s to all door and window openings.
All lintels to be insulated to the same level or better than adjacent walls.

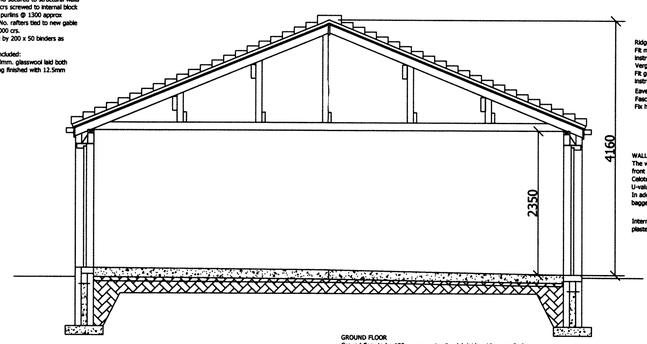
LINTELS
New external openings to be formed with Catnic CG 100 / 80 Lintels to be fully insulated. Fit in strict compliance with manufacturers recommendations.

WINDOWS and GLAZING
Fit new uPVC windows and door with opening vents.
Windows to be fully draught proofed and double glazed in Low emissivity K glass with 16mm. Argon filled to give a U value =<1.8w/M2.K

GLASS: CRITICAL LOCATIONS
Any windows with sills lower than 800mm. all glazed doors and all door side panels to be glazed with toughened safety glass to BS 6206.

Roof Construction : Roof to be covered with approx. 500x250 grey slates to match existing secured to tanalised 50 x 25 battens. All fixed over a layer of loose laid well lapped roofers felt to BS.747 secured to 100 x 50 rafters @ 400 crs.supported off 100 x 75 tanalised wall plate mortar bedded and secured to structural walls with galv'd. m.s. straps @ 1000mm. crs screwed to internal block skin. Rafters supported by 225 x 75 purlins @ 1300 approx crs.built into structural walls. End 3 No. rafters tied to new gable wall with ms galv'd. steel straps @ 1000 crs.
Ceiling joists to be 100x50 supported by 200 x 50 binders as shown.
Ceiling and insulation is optional. If included:
Ceiling areas to be insulated with 300mm. glasswool laid both between and over ceiling joists. Ceiling finished with 12.5mm plaster board.

Fit Code 4 stepped lead flashing to protect wall roof junction.



SECTION

Ridge
Fit matching ridge tile bedded in sand / cement mortar in accord. manufrs. instructions.
Verge
Fit grey pvc dri verge to match slates in accordance with mabufacturers instructions.
Eaves
Fascia to be 200 x 25 treated s/w board fitted to rafter ends.
Fix half round 100mm gutters and 89mm down spouts into back inlet gullies.

WALL INSULATION
The walls are to be constructedwith 100mm. bed 150mm. coursed stone to front elevation with random stone to side and rear and insulated with 80 mm. Celotex Double-R CW2000 Cavity Slab insulation which will achieve 0.25 U-value with residual 25mm. cavity.
In addition the 100mm Celotex block or similar inner skin finished with smooth bagged mortar joints for painting. Overall wall thickness 305mm.

Internal partitions formed with 12.5mm. plasterboard and skim plaster on 75x50 studs @ 400crs.

GROUND FLOOR
Ground floor to be 150mm concrete site slab laid on Visquuen Radon protection membrane and dpm, on 50mm. sand blinding over min. 150mm./ hardcore laid in 75mm. layers and well consolidated. Radon barrier tuned up flank walls and fixed through cavity to footings to outer leaf in accordance with the manufacturers recommendation. Fit air bricks to outer leaf @ 1200mm crs below dpc level. The floor slab to fall 25mm. from back to front.

WALL CONSTRUCTION
Celotex loadbearing insulating block inner skin tied with galv'd. steel butterfly ties @ 450 vert & horiz. staggered centres.
Walls below ground level constructed in common bricks with weakmix concrete cavity fill to 150mm. below ground level.
Build footings up off 600 x 150 concrete strip foundation based at least 1.00m deep below ground level on good bearing and subject to inspection and approval of local Building Inspectors.

11 JUN 2013

Client : A. Beckwith		
Project : 3 Freetown Glossop	**Scale** 1:50	**Contract No.** 1914
Drawing: Floor Plan & Elevs : As Proposed	**Date** 10/10	**Drawing** 002
	Drawn ps	

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