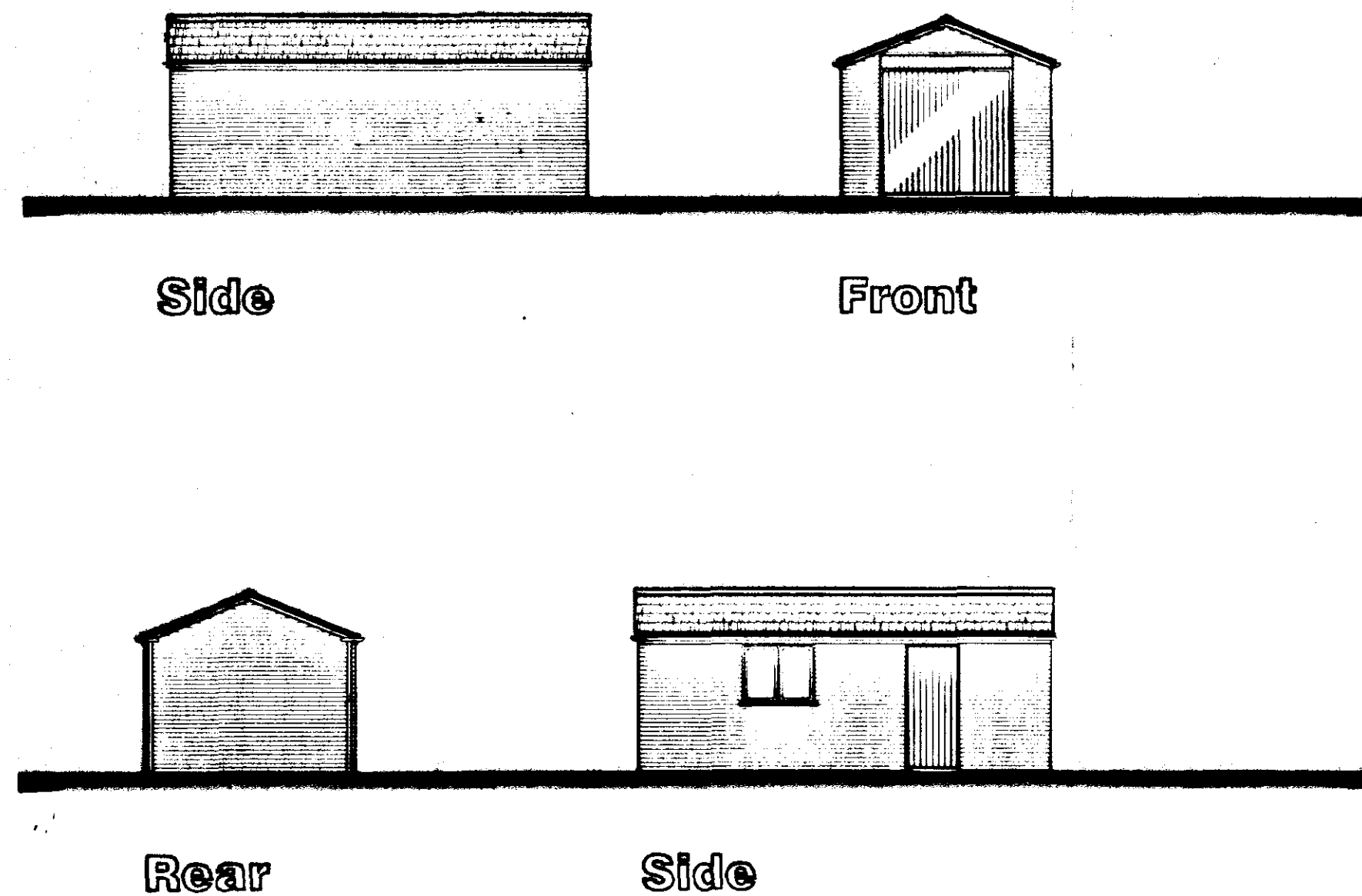


ELEVATIONS



WALLING

SUBSTRUCTURE: Build up from foundations in single or two leaves (with 50mm cavity) of 100mm dense aggregate concrete blockwork in cement mortar 1:3.
The leaves together using stainless steel wall ties at 900mm centres horizontally and 450mm centres vertically staggered 450mm.
Fill cavity between blockwork leaves with ST1 lean mix concrete up to 225mm below lowest dpc level.

SUPERSTRUCTURE: Walling above ground to be 103mm clay facing brickwork, AVONDRON ROUGE DU SOIR, ABENDROT bricks from VANDERSANDEN, with 50mm cavity and 100mm HEMELITE medium density blocks. Wall ties to be in stainless steel as described. Use additional ties at cavity closures at 225mm vertical centres and within 150mm of face of reveal. Install movement joint FURFIX CEEJAY to blockwork inner leaf where panels exceed 6 metres.
Brickwork below dpc to be in FL Durability Designation bricks.
All work to be in accordance with BS5628.

DAMP PROOF COURSES
Provide and build in as work proceeds all horizontal and vertical dpcs as required.
ZEDCOR material to be used as horizontal dpc and cavity trays in appropriate widths and lap by 100mm min.
ZEDCOR dpc material to be used at all closures in cavity walling.
Dpm in floor slab to be lapped continuously with the inner leaf wall dpc and internal single leaf wall dpc as appropriate.

LINTELS

Use IG lintels throughout and include cavity trays over where not protected by eaves overhang.
Lintels generally to be L1/S type in cavity wall situations. Allow for a minimum 150mm and bearing to both ends of lintels.

RESTRAINT AND STRAPPING

Provide and fix proprietary galvanised mild steel lateral restraint straps section size 30mm x 6mm over gable walls and first three trussed rafters at rafter and ceiling joist levels. Straps to be positioned at 1600mm spacings or less and be solid nailed below and tight packed against the wall.

ROOF BRACING

Provide and fix diagonal bracing in 100mm x 25mm SC3 timber to underside of rafter components together with 100mm x 25mm longitudinal bracing at mid span on ceiling tie and immediately below the apex as indicated and detailed in BS5268:Part3:1985.

MECHANICAL AND ELECTRICAL INSTALLATION

Provide and install lighting and power circuits. Duct power cable from within dwelling to rise within garage and fit dual pole isolation switch with COELCS.
All electrical works to comply with the IEE Regulations 16th edition.

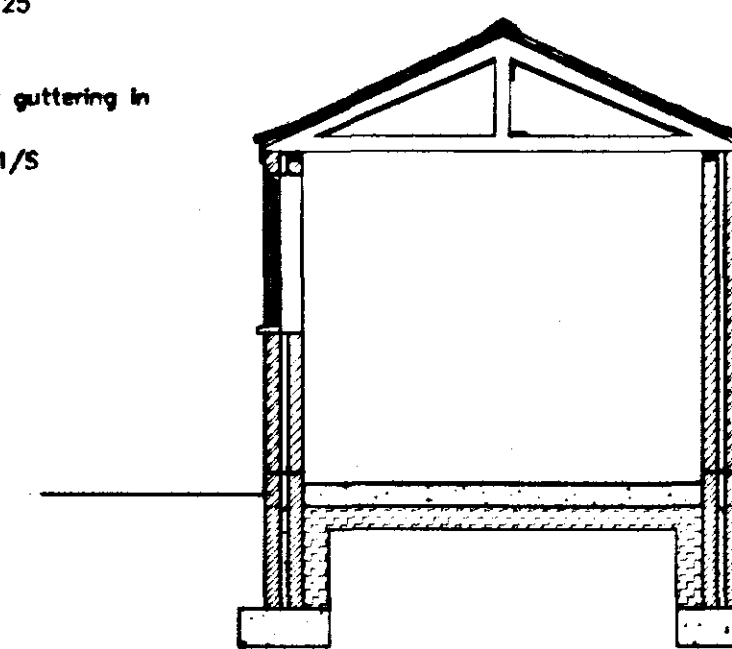
ROOF

Roof to be covered with concrete interlocking tiles and all accessories laid and fixed in accordance with BS5534 and the tile manufacturer's instructions and recommendations on 38mm x 25mm treated battens on unrotatable underlay to BS747 type IF with 150mm side and headlaps on prefabricated trussed rafters at 600mm centres. Trussed rafter roof system to be manufactured, erected and braced all in accordance with BS5268:Part3:1985 etc.
Roof pitch to be 25°

115mm half round guttering in PVC-U

Lintels to be IG L1/S

PVC-U window



Cavity walls 103mm facing brick 50mm clear cavity 100mm HEMELITE medium density blocks finished fair-faced

ZEDCOR dpc in all leaves of walling at 150mm above finished GL

FOUNDATIONS

Foundations to cavity walling to be 600mm x 250mm in GEN3 concrete and founded at a depth of not less than 900mm on a firm consistent bottom. Should any adverse, weak or otherwise defective ground be encountered work shall temporarily cease until an appropriate solution can be agreed. Increased depth of excavation may be required should the presence of excessive root growth be encountered and sub-soil conditions are cohesive in nature. Guidance is given in the NHBC Standards Chapter 4.2 Building Near Trees.

FLOOR CONSTRUCTION

Floor to be 150mm concrete GEN4 on 300 micron polythene dpm lapped with dpc in walls, where possible and appropriate, on sand bladed thoroughly compacted clean stone hardcore graded 75mm down

SECTION

CONSTRUCTION (DESIGN AND MANAGEMENT) REGULATIONS 1994
The Works shown on this drawing are designed and specified for the use of traditional construction materials and methods. It is anticipated that no unusual or exceptional hazards would be encountered in the construction of the proposed.

FASCIA

Fit and fix what treated softwood fascias in nominal 25mm thick wood including air bracing and support.

DECORATIVE FINISHES

Allow for preparing all new surfaces, as and where appropriate, and provide and apply paint or stain finishes as required and as appropriate, all in accordance with the coating manufacturer's recommendations and specification.

BOUNDARY WALLING

From front of garage to front boundary construct new solid wall in bricks to match garage.
Wall to be in 2no skins stretcher bond tied with stainless steel wall ties at 900mm centres horizontally and 450mm centres vertically with every alternate tie course staggered by 450mm. Wall height to be 1.8 metres above ground level at garage brought forward to line through with front of dwelling. Wall to be curved down to 750mm height commencing at a point 2 metres back from pier position and finished with 440mm square pier at front boundary. Foundation to wall to be 500mm wide x 600mm deep mass concrete strip/trenchfill in GEN3 concrete founded at not less than 750mm below ground level.

DRAINAGE

BELOW GROUND DRAINAGE
Underground drains to be in 100mm diameter PVC flexible sleeve coupling jointed pipe laid to fall at a gradient of 1:70 bed and surround with peagrove.

SOAKAWAY

Form new soakaway at 5000mm away from all buildings size 1200mm x 1200mm x 1200mm deep and fill to 300mm below finished ground level with broken brick and concrete rubble, cover with polythene membrane and backfill remainder with topsoil and make good. Connect rainwater drain and run to centre of soakaway.

WINDOWS AND DOORS

Window to be in PVC-U complete with weatherstripping and security locking. Glass to window and door, if appropriate, to be double glazed sealed unit in Safety Glass to BS6206 where in doors and windows where glass level is below 800mm from floor level. Personnel door to be standard timber ledged, braced and boarded door with frame complete with ironmongery and door furniture etc.

RAINWATER GOODS

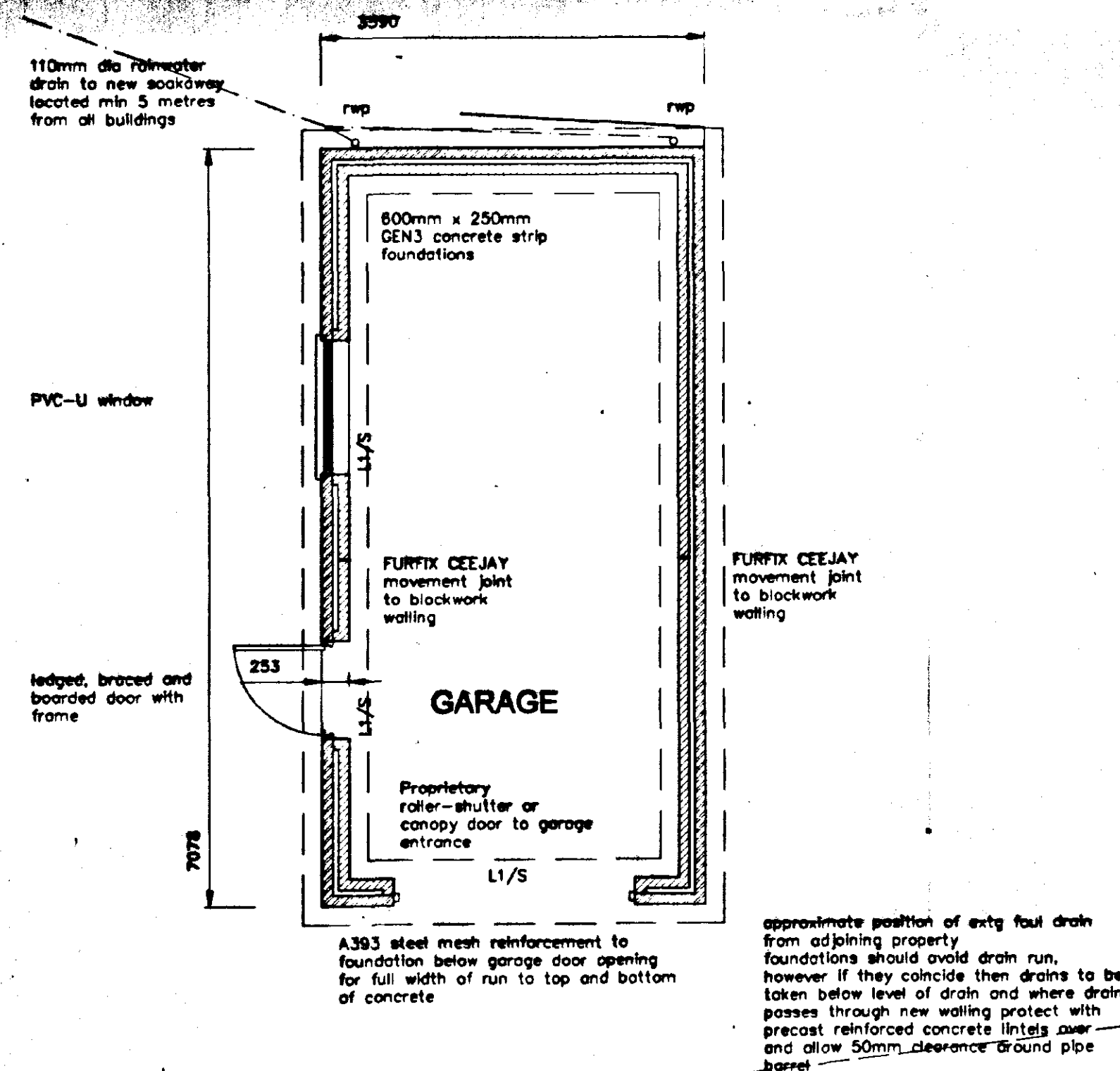
Outlets and downpipes to be in black PVC-U with 115mm half round guttering and 68mm downpipes complete with all brackets, clips, connectors, bends, outlets and stopends etc and connect to underground drain.

GENERAL

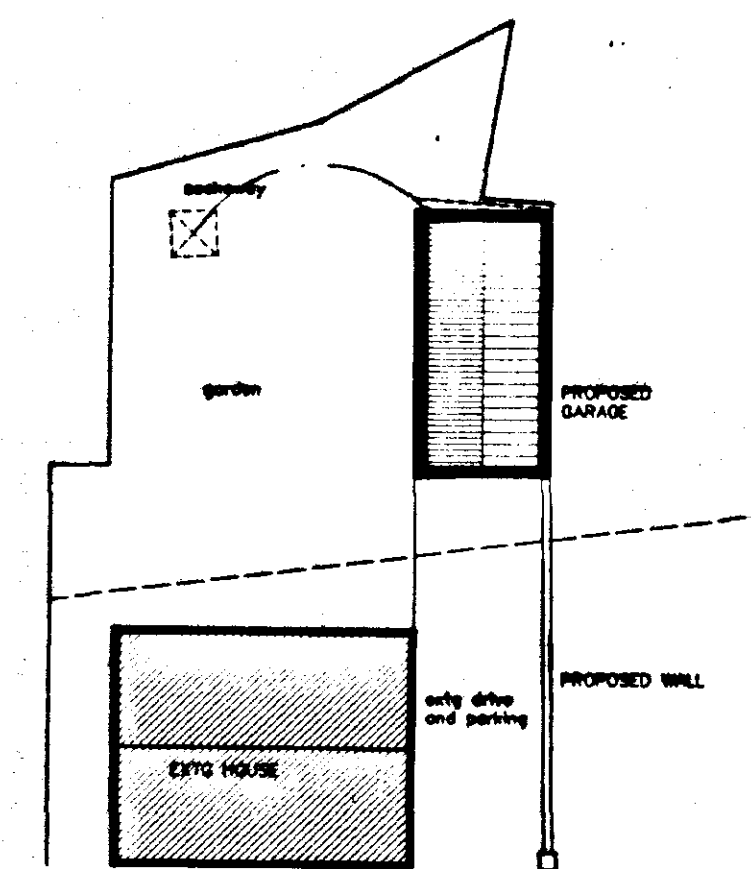
All work shall be in accordance with BS8000 Workmanship on Building Sites and all materials used shall be fit for and appropriate to their purpose. All materials shall comply with the relevant British Standard, European Standard or BBA Certificate and used in accordance therewith.

BUILDING REGULATIONS

All work shown is to comply with the requirements of the Building Regulations in force at the time.



FLOOR PLAN



BLOCK PLAN

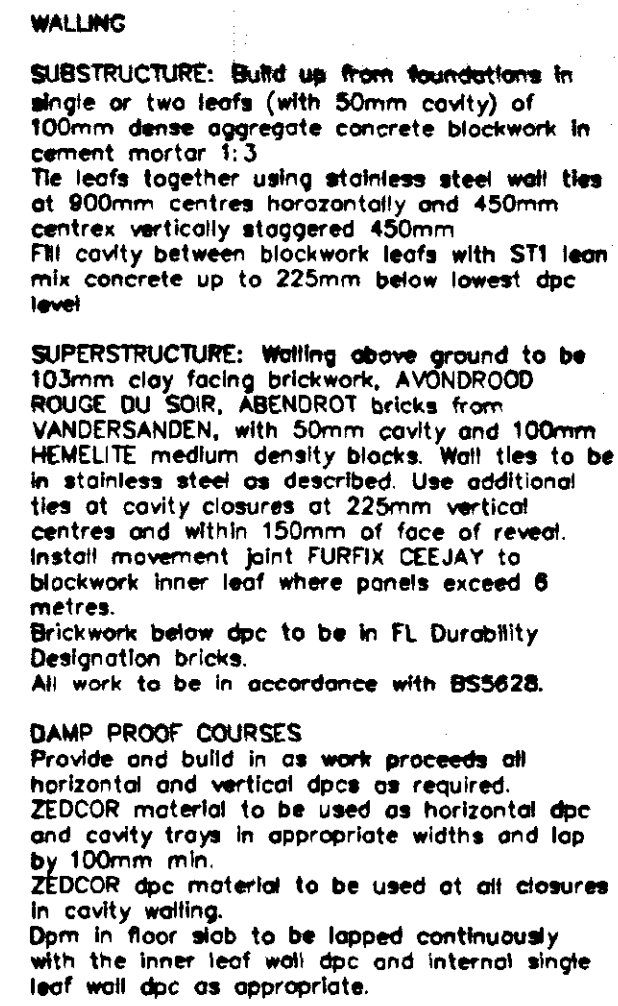
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SOUTH HOLLAND DC HOUSING & PLANNING
11 OCT 2001
Ref:

L. A. Building Design
Architectural and Building Practice
88 Hannam Boulevard
Spalding
Lincolnshire PE11 1LX
Telephone/Fax: Spalding 101779 21142

Peter S Lithgow, MOB MBAT
Member of the Chartered Institute of Building and Member of the British Institute of Architectural Technologists
Project
Proposed Double Garage
5 Woodgate Road, Moulton Chapel, Spalding, Lincolnshire
Client
Miss K Unsworth

Drawing
General Arrangement
Planning Drawing
Date
Sep 2001
Scale
1:50 1:100 1:200
Drawn by
Peter Lithgow
Job no
01/25
Drawing no
02



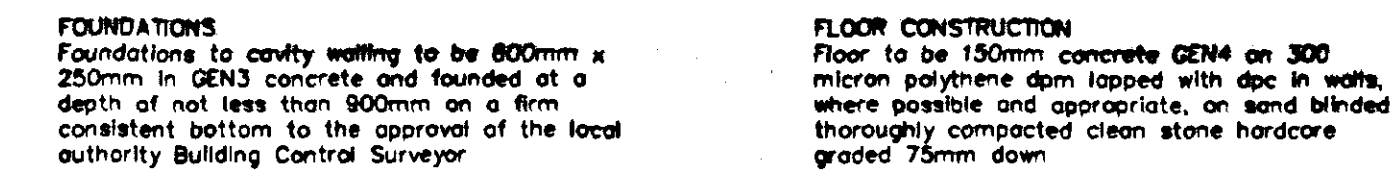
LIMITS
Use IG limits throughout and include cavity trays over where not protected by cavity walling.
Limits generally to be L1/S type in cavity walling situations. Allow for a minimum 150mm end bearing to both ends of limits.

RESTRAINT AND STRAPPING
Provide and fix proprietary galvanneal metal steel wall restraint straps section size 30mm x 8mm over gable walls and first three trussed rafters at rafter and ceiling joint levels. Straps to be positioned at 1800mm spacings or less and be self-nogged below and tight packed against the wall.

ROOF BRACING
Provide and fix diagonal bracing in 100mm x 25mm SC3 timber to underside of rafter components together with 100mm x 25mm longitudinal bracing to underside of ceiling line and immediately below the apex as indicated and detailed in BS5268:Part 3:1985.

MECHANICAL AND ELECTRICAL INSTALLATION
Provide and install lighting and power circuits.
Duct power cable from within dwelling to rise
within garage and fit dual pole isolation switch
with COELCB.
All electrical works to comply with the IEE
Regulations 16th edition.

ROOF
Roof to be covered with concrete interlocking tiles and all accessories laid and fixed in accordance with BS5534 and the tile manufacturer's instructions and recommendations on 38mm x 25mm treated battens on untearable underlay to BS747 type 1F with 150mm side and headlaps on prefabricated trussed rafters at 600mm centres. Trussed rafter roof system to be manufactured, erected and braced all in accordance with BS5268: Part3:1985 etc.



CONSTRUCTION (DESIGN AND MANAGEMENT)
REGULATIONS 1994
The Works shown on this drawing are designed and specified for the use of traditional construction materials and methods. It is anticipated that no unusual or exceptional hazards would be encountered in the construction of the proposal.



DRAINAGE
BELOW GROUND DRAINAGE
Underground drains to be in 100mm diameter GVC flexible sleeve coupling jointed pipe laid to fall at a gradient of 1:70 bed and surround with peag gravel.

SOAKAWAY
Form new soakaway at 5000mm away from all buildings size 1200mm x 1200mm x 1200mm deep and fill to 300mm below finished ground level with broken brick and concrete rubble, cover with polythene membrane and backfill remainder with topsoil and make good.
Connect rainwater drain and run to centre of soakaway

WINDOWS AND DOORS
Window to be in PVC-U complete with weatherstripping and security locking
Glass to window and door, if appropriate, to be double glazed sealed unit in Safety Glass to BS6206 where in doors and windows where glass level is below 800mm from floor level
Personnel door to be standard timber ledged, braced and boarded door with frame complete with ironmongery and door furniture etc.

RAINWATER GOODS
Gutters and downpipes to be in black PVC-U with 115mm half round guttering and 68mm downpipes complete with all brackets, clips, connectors, bends, outlets and stopends etc and connect to underground drain

GENERAL
All work shall be in accordance with BS8000
Workmanship on Building Sites and all materials
used shall be fit for and appropriate to their
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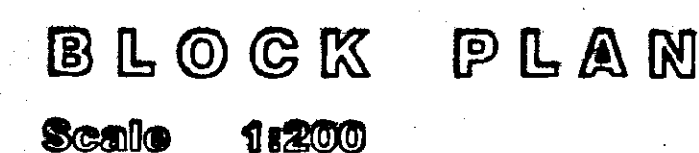
BUILDING REGULATIONS
All work shown is to comply with the requirements of the Building Regulations in force at the time

FASCIA
Fit and fix wrot treated softwood fascias to nominal 25mm thick wood including all framing and support.

DECORATIVE FINISHES
Allow for preparing all new surfaces, as and where appropriate, and provide and apply paint or stain finishes as required and as appropriate all in accordance with the coating manufacturer's recommendations and specification

BOUNDARY WALLING
From front of garage to front boundary
construct new solid wall in bricks to match
garage

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AGREEMENTS

SOUTH HOLLAND DC
HOUSING & PLANNING
13 AUG 2001
Ref: 0770101

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Peter S Lithgow MOOB MBIAI

*Member of the Chartered Institute of Building and
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propos

Proposed Double Garage
5 Woodgate Road, Moulton Chapel,
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offert

Miss K Unsworth

drawing	
General Arrangement	
Planning Drawing	
date	scale(s)
July 2001	1:50 1:100 1:200
drawn by	checked
Peter Litgow	
job no	drawing no
01/25	01