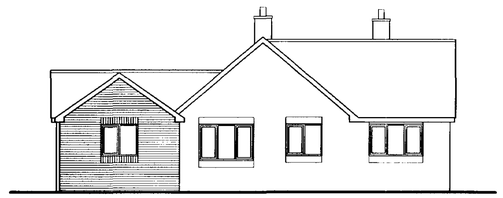


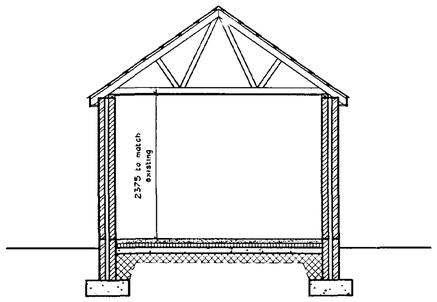
REAR ELEVATION 1:100



SIDE ELEVATION 1:100



FRONT ELEVATION 1:100



SECTION AA 1:50

SPECIFICATION NOTES

FOUNDATIONS

To be 700 x 225mm deep mass concrete to external walls. Undersids to be founded at minimum 750mm below external ground level (or minimum 1000mm if shrinkable subsoil is encountered). New foundations to be stepped up as necessary to meet existing and movement joint to be formed between new and existing. Final depth and detail to be agreed on site with L.A Building Inpector.

GROUND FLOOR CONSTRUCTION

To comprise 65mm sand/cement screed reinforced with chicken wire on 50mm thick 'Jablite Flooring Grade SD' insulation on vapour barrier on 100mm thick (C20 grade) mass concrete floor slab on 1200 gauge polythene membrane with 150mm laps and turned up at all edges and lapped with wall dpc all on 25mm minimum thickness sand blinding on 150mm minimum thickness well rolled and consolidated hardcore base.

NOTE: Internal wall to be constructed off bituminous based damp proof course on thickened concrete slab. Slab thickening to be 450 x 225mm thick.

NOTE: Vertical upstands of insluation to be provided to all edges of screed in strict accordance with manufacturer's instructions.

EXTERNAL WALL CONSTRUCTION

265mm thick cavity wall to comprise 102mm external skin in facing bricks to match existing, 65mm cavity infilled as work proceeds with 'Dritherm' or similar insulation bats, 100mm internal skin of insulating blockwork with 13mm thick dense plaster finish internally.

New walls to be tied to existing by building in galvanised crocodile ties in strict accordance with manufacturer's instructions and forming 13mm movement joint at junction by inserting 'Flexcell' proprietary infill finished externally with mastic pointing to match colour of brickwork.

Leaves of cavity wall to be tied together wito galvanised wall ties at 300mm horizontal centres and 450mm vertical centres (300mm vertical centres where next to an opening).

Jambs and cills to be closed by inserting propietary insulated cavity closers.

Cavities to be sealed at highest point.

Bituminous based damp proof course to be built in 150mm minimum above outside ground level.

Cavities to be filled with weak mix concrete to ground level and top splayed to shed water outwards.

INTERNAL WALL

To comprise 100mm thick blockwork with 13mm dense plaster finish to both sides.

WINDOWS

To be timber to match existing and to be of approved manufacture with sealed unit double glazing and controllable trickle ventilators (4000mm2)

DRAUGHT PROOFING

Draught proofing to be fitted to all openable elements of windows, doors and loft hatches.

All piped services to be draught sealed where they pass through floors and external walls.

GLAZING

Glazing to internal and external doors and to windows where cill level is less than 800mm above flo- level to be laminated or toughened safety glass to BS6202:1981.

LINTELS

To be IG type L1/S or similar insulated galvanised steel lintels in external cavity walls with cavity tray over and 150mm minimum end bearing.

ROOF CONSTRUCTION

To comprise concrete interlocking roof tiles to match existing on 38 x 25mm softwood battens gauged to suit tiling on underside sarking felt to BS747:Part 2:Type 1F on pre-made timber trussed rafters at 600mm centres (gable ladder fixed to end truss).

Manufacturer's roof truss layout and calculations to be submitted to the Local Authority for approval prior to installation.

Trussed rafters to be designed, braced and fixed in accordance with BS5268:Part 3:1985.

To be fixed at eaves level with galvanised truss clips on 100 x 65mm softwood wallplate bedded in mortar.

Diagonal bracing to be provided to full length of roof in plain of rafters and ceiling ties to BS5268:Part 3:1985.

Timber runners to be provided at all truss nods points for full length of roof.

New roof to be cut into existing by using reducing trusses as necessary.

Fascias, gable barge boards and overhang soffit to be in 20mm softwood fixed to softwood noggins and rafter ends. Soffit details to match existing.

Proprietary eaves and ridge ventilation system to be installed in accordance with manufacturer's instructions.

200mm minimum thickness quilt insulation to be laid in roof space in two 100mm layers - first layer between ceiling ties and second layer at right angles to first over ceiling ties.

FLASHINGS

Code 5 lead flashings / soakers to be provided to all rof abutments.

Roof valleys to be formed in Code 5 lead or rigid fibreglass.

WALL AND ROOF ANCHOR BRACING

External walls to Bungalow and Garage extension to be strapped to roof with 30 x 5mm cross-section galvanised mild steel anchor straps fixed at eaves level and across first three gable rafters all at 2000mm maximum centres. Noggins to be provided under straps where necessary.

CEILINGS

To be 12.5mm plasterboard and vapour barrier fixed to underside of ceiling ties with taped joints and skim coat plaster or 'Artex' finish to match existing.

Timber noggins to be provided to all unsupported joints in plasterboard.

ELECTRICAL INSTALLATION

To be carried out in strict accordance with the latest edition of the IEE regulations. Socket outlet and lighting positions all to client's requirements.

MECHANICAL VENTILATION

Wall or ceiling mounted extract fan to be provided to new Bathroom capable of extracting 15 litres per second.

HEATING

Existing heating to be extended into new bathroom. Radiators to be fitted with thermostatic valves and appropriate pipework to be insulated as necessary to promote energy conservation.

RAINWATER GOODS

New gutters to match existing and be securely fixed to fascias, laid to falls complete with all required outlet positions, stopends etc. New gutters to discharge to existing and be installed in strict accordance with manufacturer's instructions.

DRAINAGE SPECIFICATION NOTES

WASTE PIPEWORK

Washbasin and bath to be fitted with 40mmØ wastes with accessible 75mm deep sealed traps.

Rodding access to be provided ay all changes of direction.

NEW UNDERGROUND DRAINAGE PIPES

New foul and surface water drains to be 110mmØ Upvc to BS4660 laid to self-cleansing gradient bedded and surrounded in 150mm minimum thickness of 10mm pea gravel to maintain flexibility.

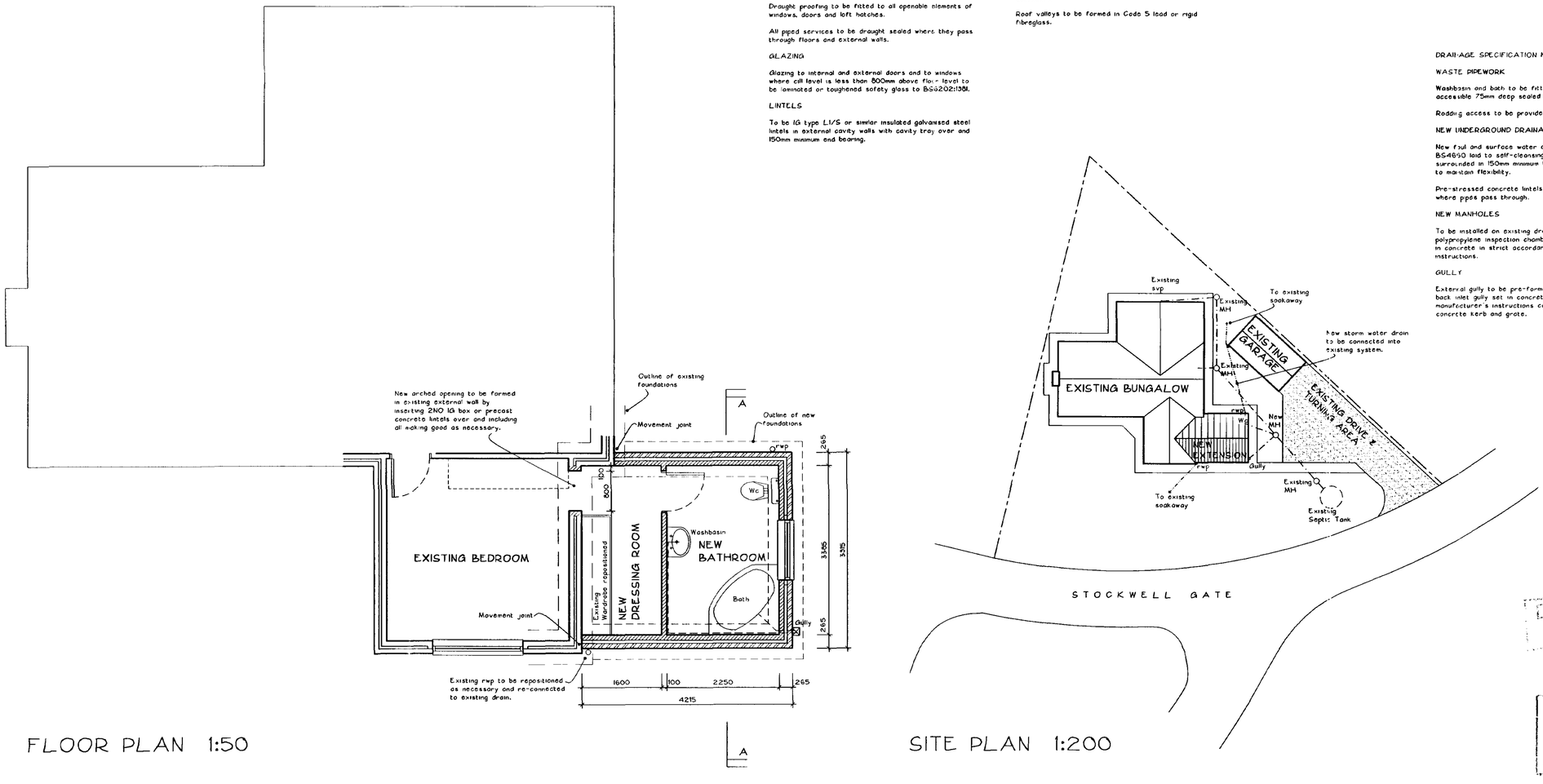
Pre-stressed concrete lintels to be inserted in walls where pipes pass through.

NEW MANHOLES

To be installed on existing drain and to be pre-formed polypropylene inspection chamber installed and surrounded in concrete in strict accordance with manufacturer's instructions.

GULLY

External gully to be pre-formed polypropylene roddable back inlet gully set in concrete in strict accordance with manufacturer's instructions complete with precast concrete kerb and grate.



FLOOR PLAN 1:50

SITE PLAN 1:200

PLAN

SOUTH HOLLAND DC
HOUSING & PLANNING
-5 NOV 2001
Ref: 1271/01

NOTES

LIMITATIONS

This drawing is limited in the amount of information contained and does not purport to contain a full specification of the works. It is solely for the purpose of obtaining Building Regulation approval. The drawing

DIMENSIONS

Do not scale from this drawing.

All dimensions are to be checked on site by the builder who shall take responsibilty for measurements for construction and ordering purposes from commencement of site works.

Whilst every effort is made to ensure accuracy in dimensioning, measurements should be carefully checked to ensure compatibilty with existing structures and features.

SUPERVISION

The works will not be supervised by Richard J Diggle or any representative thereof. It is the clients or their appointed agents responsibility to control workmanship, substitution of materials, adherence to specification, variations to contract etc.

STANDARDS

All materials to be new unless otherwise stated and all components and materials etc. to be used, fitted and installed in strict accordance with manufacturers instructions and relevant Code of Practice.

Materials shall conform to the appropriate British Standard Specification or BBA Certificate or European Code equivalent.

Preservative treatment to BS 5268 : Part A is to be carried out to all timber prior to delivery to site.

DETAILS / FOUNDATIONS

All details shown on this drawing including foundations, are based upon typical site conditions including soil of good bearing capacity.

Site soil surveys are recommended in respect of foundations to establish specific site conditions before foundation work is undertaken.

If adverse ground condations are encountered, then the advice of a qualified structural engineer should be sought.

HEALTH AND SAFETY

The Employer / Client shall ensure that the selected contractor is conversant with and adopts all measures necessary to achieve compliance with Health and Safety legislation for Building Sites and Work Places.

The Employer / Client is advised that should the works need to comply with the Construction Design and Management Regulations, and independent Planning Supervisor will be required.

SCOPE OF THE WORKS

The works comprise all that is shown on the drawings and details. Any work that may not be specifically shown, but may reasonably be inferred as necessary to carry out the works will be deemed to be included

Revisions

Richard J Diggle

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Client
MR & MRS PULLING

Project
BATHROOM EXTENSION
CHEESIL LODGE
STOCKWELLGATE
WHAPLODE
SPALDING
LINCS

Drawing
DETAIL DRAWING

PLANS
SECTION
ELEVATIONS

Scale
1:50 / 1:100

Date
17/09/2001

Drawing Number
334-01