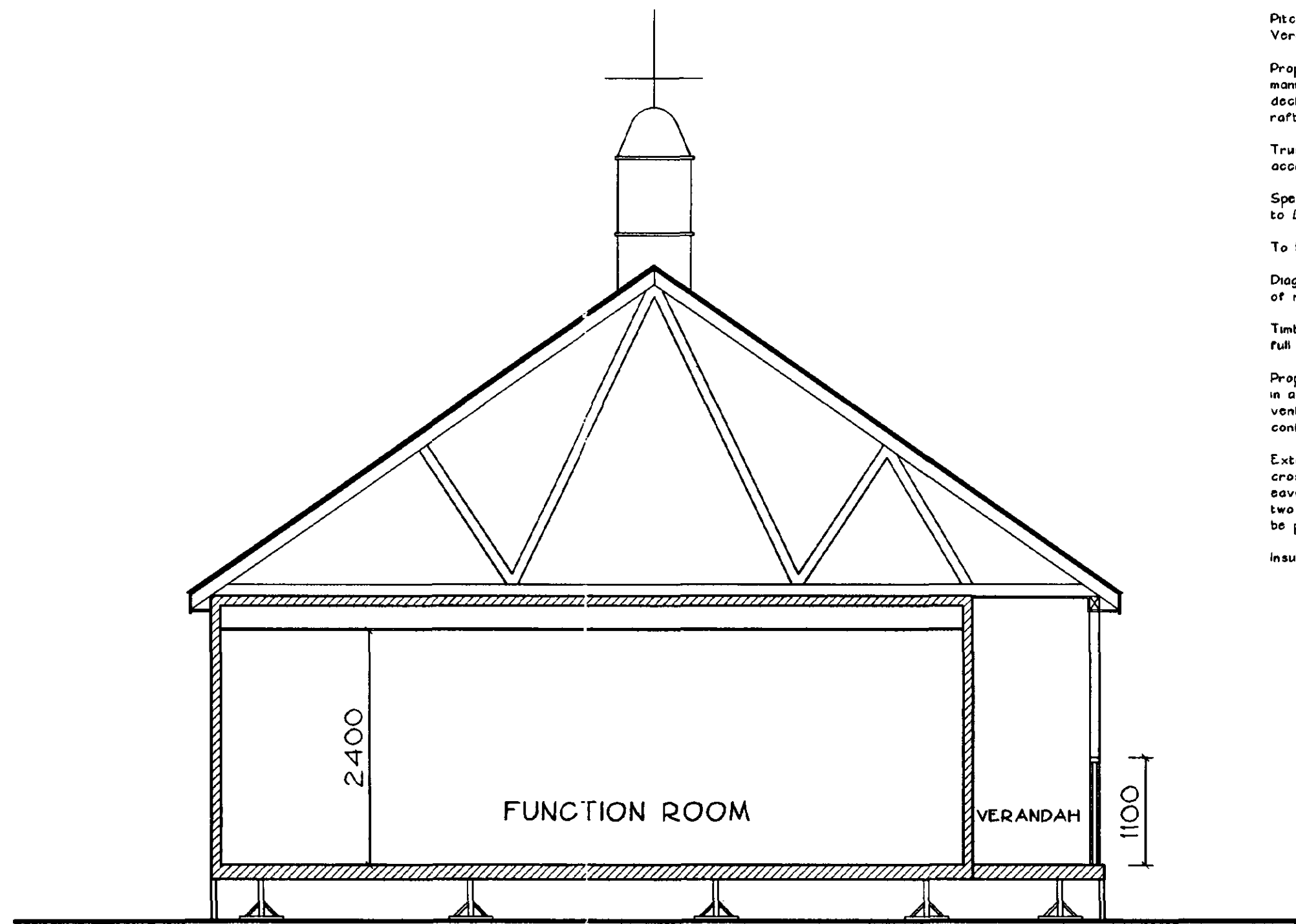




TYPICAL SECTION

PITCHED ROOF CONSTRUCTION

Pitched roof to be constructed over whole building including Verandah and comprising:

Proprietary felt roof tiles fixed in strict accordance with manufacturer's instructions including all underfelts, battens, decking etc as recommended on pre-made timber trussed rafters at 600mm centres - roof pitch 35°.

Trussed rafters to be designed, braced and fixed in accordance with BS 5265 : Part 3 : 1985.

Specialist manufacturer's design calculations to be submitted to Local Authority for approval prior to fixing on site.

To be fixed at eaves level with galvanised truss clips.

Diagonal bracing to be provided to full length of roof in plan of rafters and ceiling ties to BS 5265 : Part 3 : 1985.

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

Proprietary eaves and ridge ventilation system to be installed in accordance with manufacturer's instructions. Ridge ventilators to match roof tiles. Eaves vents to be equal to a continuous strip 10mm wide.

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

Insulated roof access hatch to be provided.

SPECIFICATION NOTES

FOUNDATIONS

To comprise: adjustable steel legs supported on building block laid flat on precast concrete paving slab laid direct on existing grassed area.

FLOOR CONSTRUCTION

To comprise: 18mm flooring grade plywood on 125 x 50mm SC3 grade timber joists at 400mm centres spanning between steel lattice beams at 2700mm centres. 100mm thick quilt insulation laid between joists and held in position by hardboard fixed to underside of joists.

WALL CONSTRUCTION

To comprise: 75 x 50mm timber stud framework clad externally with 3mm thick WBP plywood primed externally and finished with textured coating. 75mm 'Rockwool' insulation fixed between studs. Wall to be lined internally with 12.5mm plasterboard.

FLAT ROOF CONSTRUCTION (COLD ROOF)

To comprise: 3 layers built up roofing felt (2 coats black felt and one top layer green mineral felt) on roof panels made up of 18mm exterior grade plywood on 125 x 50mm SC3 grade timber joists at 400mm centres all on 500mm steel lattice beams at 2700mm centres.

Roofing felt to be dressed over roof edge on all sides and welded drip formed.

Ceiling construction to comprise 12.5mm plasterboard fixed to underside of 100 x 50mm SC3 grade timber joists spanning between bottom beam of lattice beams. 100mm quilt insulation to be laid between ceiling joists.

Void between ceiling construction and roof panels - approx 450mm. Perimeter ventilation to be provided to roof edges at least equal to a continuous strip 25mm wide.

MECHANICAL INSTALLATION

To be provided to Kitchen capable of extracting 60 litres/second.

To be provided to Toilet areas capable of extracting at a rate of 6 air changes per hour.

ELECTRICAL INSTALLATION

To be carried out in strict accordance with the latest edition of the IEE Regulations.

Smoke detector to be fitted in Main Function Room.

Emergency lighting to be provided in accordance with BS5266.

25 litre thermostatically controlled water heater to be fitted in Kitchen to provide hot water to Kitchen sink and washbasins in Toilets.

FIRE EXITS

Fire Exit signs to be provided in accordance with BS 5433.

Fire exit doors to be fitted with suitable panic release mechanism.

EXTERNAL WINDOWS AND DOORS

Windows to be double glazed UPVC with top hung opening lights to achieve 3.5U/Value. All to have georgian style glazed lights.

Main windows to Function Room to be 300mm wide x 1350mm high.

High level rear windows to be 300mm wide x 600mm high.

High level windows to main Changing Rooms to 1200mm wide x 600mm high.

High level windows to Toilets and Adult Change to be 600mm wide x 600mm high.

Main entrance doors to Function Room to be pair fully glazed UPVC doors with georgian style double glazed lights.

All other external doors to be solid core plywood faced.

Any glazing in critical locations to be in accordance with BS6206 safety glass.

Draught proof seals to be provided to all external windows and doors and services.

All operable windows to achieve a total opening of 1/20th of the floor area.

Background ventilation to be provided to occupiable rooms equal to 400mm² per m² of floor area by means of trickle vents above each window.

GUARDING TO RAMPS ETC

Entrance ramp and fire escape stairs to be provided with solid guarding 1100mm high above landings and 300mm high above pitch of stairs.

Verandah and front entrance stairs to be provided with spindle type guarding heights as above with no opening in balustrade exceeding 100mm.

DRAINAGE SPECIFICATION

SANITARYWARE AND WASTE PIPES

Kitchen sink and washbasins to be fitted with 40mm ϕ wastes with accessible 75mm deep seal traps.

Waste pipework to be UPVC. Radding access to be provided at all changes of direction in waste pipework.

VENTILATING PIPE

To be 75mm ϕ UPVC pipe fixed externally and terminating minimum 300mm above head of nearest window and fitted at top with ballon guard mesh.

UNDERGROUND DRAINAGE PIPES

To be 110mm ϕ UPVC flexibly jointed pipes to BS 4660 laid to self-cleansing gradient.

To be bedded and surrounded in 150mm minimum thickness of 10mm pea gravel.

MANHOLES

To be pre-formed polypropylene inspection chambers installed in strict accordance with manufacturer's instructions.

RAINWATER GOODS

Rainwater downpipes to be 62.5mm square section.

Gutters to be 110mm square section.

SOAKAWAY

Storm water pipe to drain into soakaways constructed to CP301 and minimum 5000mm from any building (6000mm in clay). To be 1000 x 1000 x 300mm deep filled with rubble to within 450mm of ground level overlaid with polythene sheet and backfilled to ground level with vegetable soil. Exact positions to be agreed on site.

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. This drawing must not be used as a contract document alone.

DIMENSIONS

Do not scale from this drawing.

All dimensions are to be checked on site by the builder who shall take responsibility 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 compatibility 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 5265 : 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 conditions 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.

A Function Room amended to Meeting Room. 20/06/00
Additional sink added to Kitchen.

Revisions

Richard J Diggle

Building Design Consultant

5 Spalding Road
Holbeach
Spalding
Lincs
PE12 7HG

Telephone/Fax: 01406 423583
Mobile: 07771 621902

E-mail: Richard@richarddiggle.freemove.co.uk

Project/Clients

NEW CHANGING ROOM & FUNCTIONS
BLOCK
PINCHBECK EAST PRIMARY SCHOOL
FENNEL ROAD
PINCHBECK

FRIENDS OF PINCHBECK EAST
SCHOOL

Drawing

PLANS
SECTION

Scale

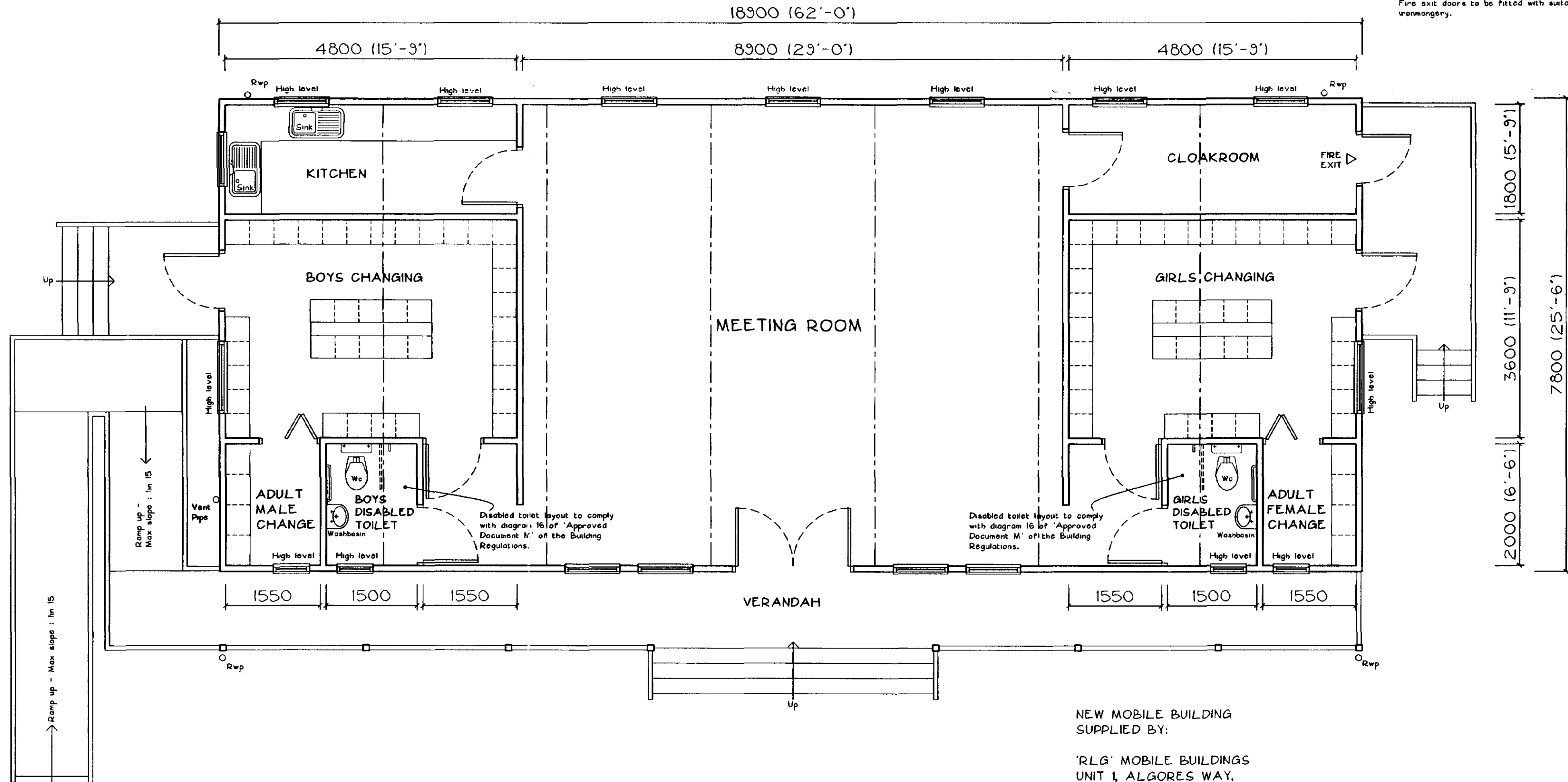
1:50

Date

April 2000

Drawing Number

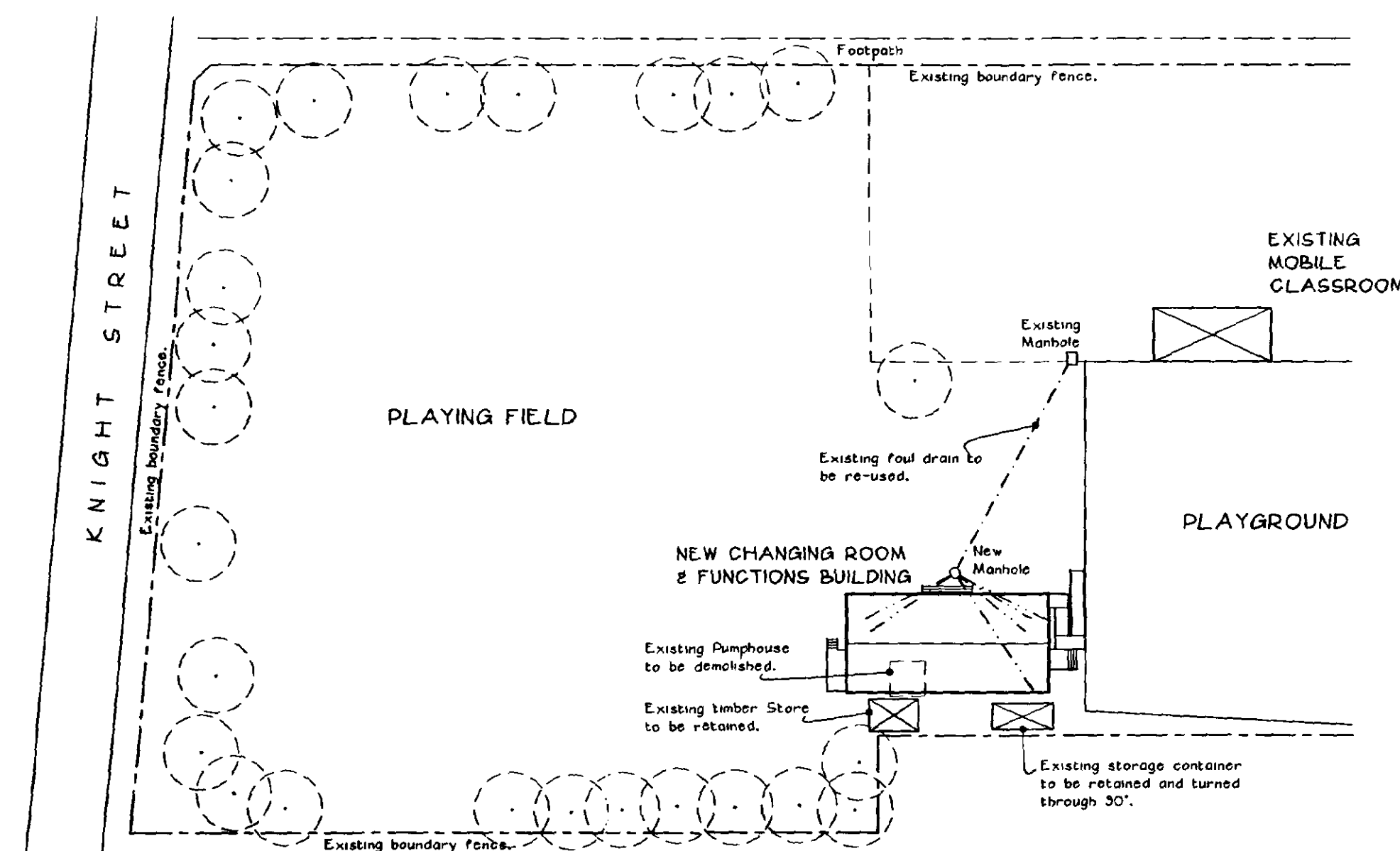
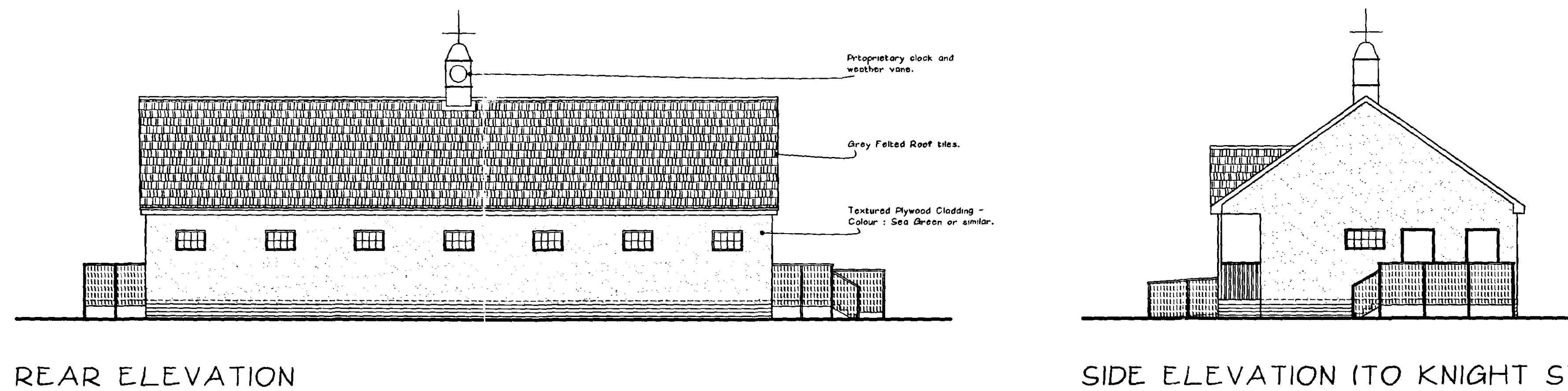
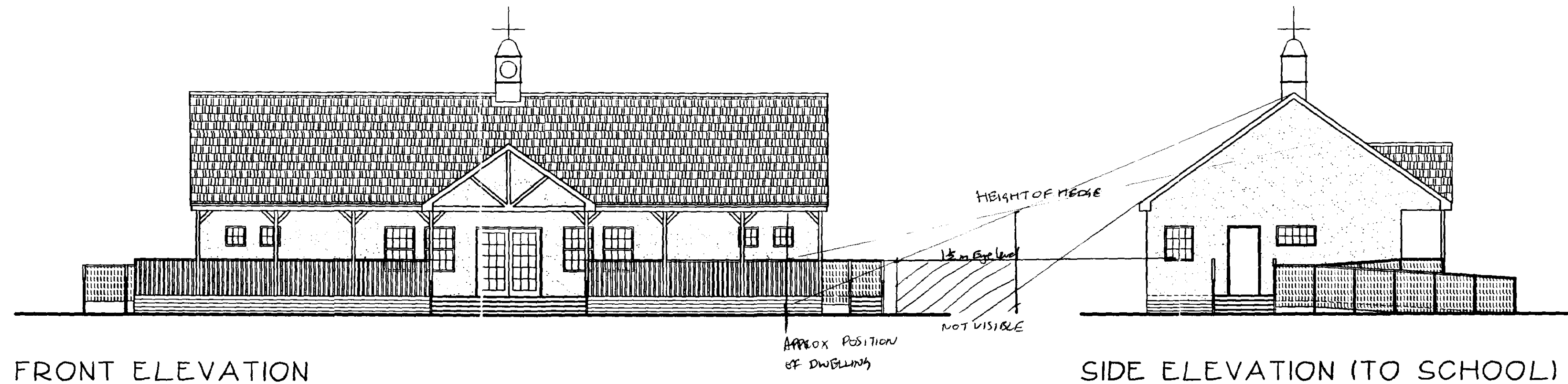
309-01 A



NEW MOBILE BUILDING
SUPPLIED BY:

RLG MOBILE BUILDINGS
UNIT 1, ALGORES WAY,
WEASENHAM LANE IND. EST.
WISBECH,
CAMBS., PE13 2TQ

FLOOR PLAN



SITE PLAN

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 must not be used as a contract document alone.

DIMENSIONS

Do not scale from this drawing.

All dimensions are to be checked on site by the builder who shall take responsibility 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 compatibility 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 conditions 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

Building Design Consultant

5 Spelding Road
Holbeach
Spalding
Lincoln
PE12 7HG

Telephone/Fax: 01408 423583
Mobile: 07771 821902
E-mail: Richard@richarddiggle.freemove.co.uk

Project/Client

NEW CHANGING ROOM & FUNCTIONS
BLOCK
PINCHBECK EAST PRIMARY SCHOOL
FENNEL ROAD
PINCHBECK

FRIENDS OF PINCHBECK EAST
SCHOOL

Drawing

SITE PLAN
ELEVATIONS

Scale

1:100 / 1:500

Date

April 2000

Drawing Number

309-02

DETERMINED
PLAN
SOUTH HOLLAND DC
HOUSING & PLANNING
15 MAY 2000
Ref: 0610100