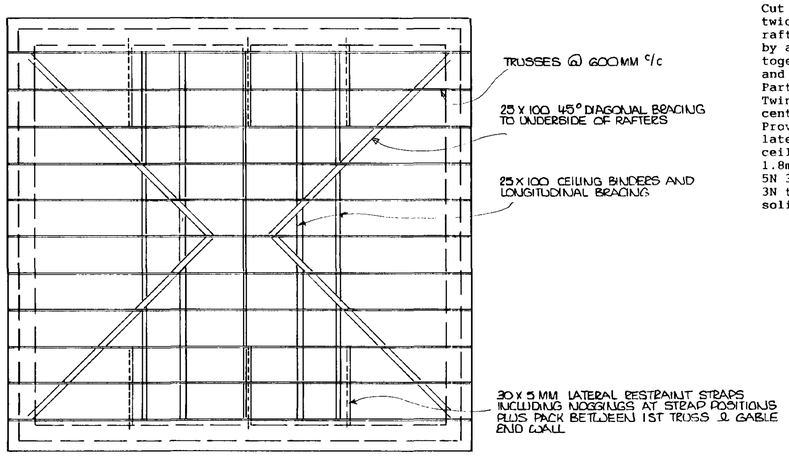


ROOF TRUSS PLAN

ROOF COVERING:
Concrete interlocking roof tiles on 38 x 25mm treated softwood battens, gauge to suit tiling on B.S.747 type 1F untearable roofing felt or similar on cut/trussed rafters as applicable. Contractor is to determine tile fixing specification from manufacturers published literature with due consideration for site location, antisipated wind velocities and roof pitch.

ROOF CONSTRUCTION:
Wall plates generally 100 x 65mm treated softwood with half lapped joints and fully bedded strapped down to support wall with 30 x 5mm GMS straps at max 1.2m centres. Cut rafters fully birdsmouthed over and twice nailed to all supports. Trussed rafter roof to be designed and manufactured by an approved manufacturer and fixed, together with min 100 x 25mm sawn SW binders and bracing in accordance with B.S.5268 Part 111 1985 (and any subsequent amendment). Twinaplate fink type trusses spaced at max 600mm centres and pitched at 25°. Provide 30 x 5mm once bent (900/100) glav.M.S. lateral restraint straps to external walls at ceiling and rafter level where shown at max 1.8m fixed with 4N 50mm B gauge CSK screws or 5N 3.5 x 50mm galv. round wire nails to 3N trusses/ceiling joists minimum coupled with solid blocking support and edge packing.

CAVITY WALL CONSTRUCTION:

265mm cavity walling to consist:
100mm facing external brickwork to B.S.3921:1974 for clay bricks and B.S.187:1978 for clacium silicate bricks.
65mm cavity.

100mm internal cavity skin of tarmac hemelite insulation blockwork.
Cavity walls to be tied together using galvanised iron or plastic twist ties spaced 900mm horizontally and 450mm vertically 300mm ctrs at unbonded cavity closures

Mortar to B.R.E. digest No178 and CP 121 part 1 1973. And as recommended by bwk. manufacturer. Close cavities at eaves and provide Bituminous felt D.P.C. Provide bit. felt D.P.C also to sills and jambs(DANCOR) at closure.

Provide bituminous felt D.P.C. above all exposed lintels as cavity tray

LINTELS:
Specified lintels are by I.G. Lintels LTD. Insulated as standard and installed with a min. 150mm end bearing. Lintels installed in strict accordance manufacturers recommendations incl. all necessary stop ends and 10mm weep holes at 675mm c/c above trays.

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. All dimensions shall be taken from site from actual work. Under no circumstances shall measurements be scaled from this drawing for construction or ordering purposes. All given dimensions shall be checked by the builder/contractor and will be his responsibility from commencement of site works. The works will not be supervised or inspected on site by Poddingtons or any representative thereof. It is the client 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 etc. in strict accordance with manufacturers instructions and relevant Code of Practice.
Materials shall conform to appropriate British Standard specification or BBA Certificate or European Code equivalent.

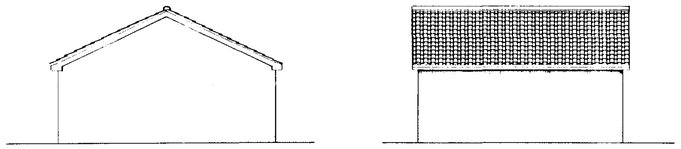
HEALTH AND SAFETY

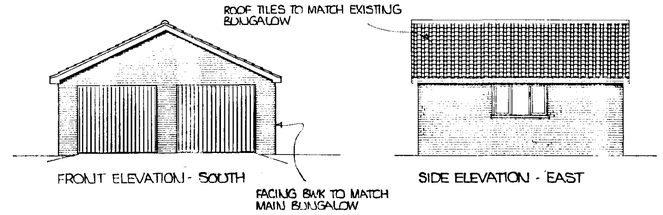
The employer/client shall ensure that the selected contrator is conversant with and adopts all measures necessary to achieve compliance with Health and Safety legislation for building sites and work places. The employer/client is advised that should the works need to comply with the Construction Design and Management Regulations an Independant Planning Supervisor will be required.

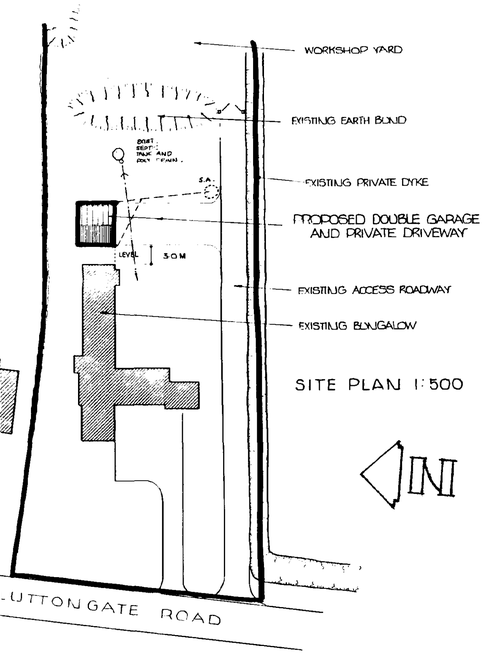
SCOPE OF THE WORKS
The works shall comprise of all that is shown on the drawing and details. Work that may not be specifically shown but may be reasonably inferred as necessary to carry out the works shall be deemed to be included.

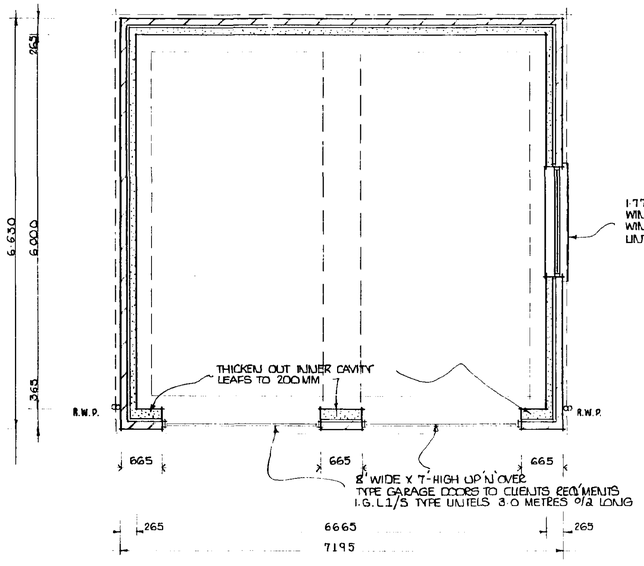
SURFACE WATER DRAINAGE:

82.4mm DIA underground pipes flexibly jointed to fall 1 In 70. Pipes bedded on 50mm pea gravel: see site plan for discharge.

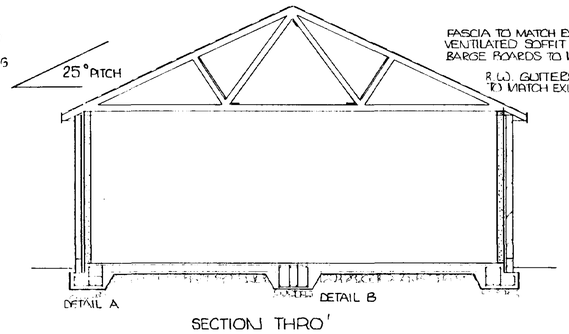








PLAN LAYOUT



SECTION THRO'

THE CONTRACTOR IS TO VERIFY ALL DIMENSIONS BEFORE COMMENCING WORK.

POSITION OF INTERNAL & EDGE STIFFENING BEAMS TO BE CAREFULLY SET OUT. EXISTING GROUND TO BE EXCAVATED ON LINE OF STIFFENING BEAMS TO A DEPTH OF APPROX. 450-600 BELOW EXISTING GROUND LEVEL.

OVER FULL WIDTH OF ALL STIFFENING BEAMS, CRUSHER RUN ROCK (75 mm DOWN) TO BE COMPACTED IN BASE OF EXCAVATION USING A WHACKER PLATE OR SIMILAR, TO A MINIMUM THICKNESS OF 100 mm. ANY SOFT SPOTS MAY NEED EXTRA MATERIAL TO BE CONSOLIDATED TO MAKE UP TO LEVEL. A GROUND BEARING PRESSURE OF 50 kN/m² TO BE ACHIEVED. FILL SHOULD BE COMPACTED IN LAYERS NOT EXCEEDING 150 mm IN THICKNESS. 50mm OF CONCRETE BLINDING TO BE PLACED IN THE BOTTOM OF EXCAVATIONS OF ALL STIFFENING BEAMS.

CONCRETE TO BE:- GRADE C25
MAXIMUM AGGREGATE 20 mm.
MINIMUM CEMENT CONTENT 330kg/m³
MAXIMUM FREE W/C RATIO 0.55

CONCRETE TO BE WELL COMPACTED USING MECHANICAL VIBRATORS TO PRODUCE A DENSE VOID FREE MASS.

MINIMUM REINFORCEMENT COVER TO BE 50mm

MINIMUM MESH LAP TO BE 400 mm.

ALL DAY JOINTS TO BE SCABBLED BACK TO GOOD CLEAN AGGREGATE.

G.F. SLAB TO BE CURED FOR 7DAYS MINIMUM WITH POLYTHENE SHEET OR DAMP HESSIAN.

ALL DPM/WATERPROOFING DETAILS ARE NOTED ON DRG. NO.

ALL DELETERIOUS MATERIALS TO BE STRIPPED FROM AREA'S TO BE PAVED.

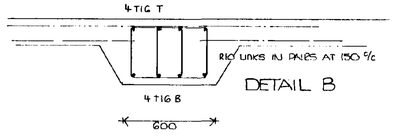
FORMATION AND SUB-BASE TO BE PROTECTED FROM INCLEMENT WEATHER.

SUB-BASE TO BE 75mm DOWN CRUSHER-RUN ROCK COMPACTED IN LAYERS NOT EXCEEDING 150 mm

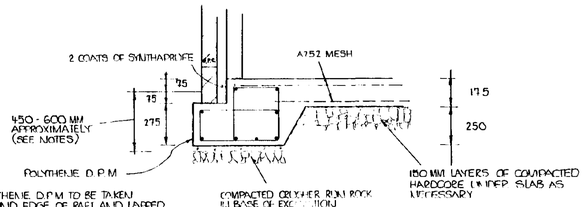
SHOULD THE AIR TEMPERATURE FALL TO 4°C OR LESS SPECIAL PRECAUTIONS ARE TO BE TAKEN

REINFORCEMENT SHOWN ON THIS DRG. TO BE TO BS 4449 & BS 4483

'T' DENOTES TOP
'M' DENOTES MIDDLE
'B' DENOTES BOTTOM.

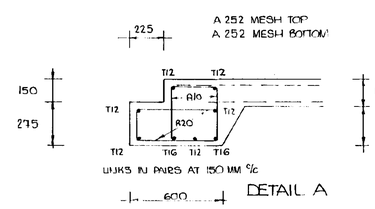


DETAIL B



POLYTHENE D.P.M. TO BE TAKEN AROUND EDGE OF RAFT AND LAPPED INTO 2 COATS OF SYNTHAPRUFE UNDER OUTER SKIN OF BRICKWORK (1200 G - 300 LAPS)

SECTION THRO' SLAB TOE
DETAIL A



DETAIL A

DETERMINED PLAN

SOUTH HOLLAND DC HOUSING & PLANNING - 1 JUN 1998 Ref: 0559/98

PODDINGTONS
Architectural Design Consultants
48 Double Street, Spalding, Lincs. PE11 2AA
Tel: 0775 761856 & 768296. Fax: 0775 710218

project: PROPOSED DOUBLE GARAGE LUTTONGATE ROAD SUTTON ST EDMUNDS

CLIENT: MR P. WHITWELL

drawing: PLAN PROPOSED

scale	drawing no
1:50, 1:100, 1:500	2842—1
date: [illegible] 1998	drawn: J CRUIKSHANK