



BRICKS & TILES TO MATCH CONSERVATORY & BUNGALOW RESPECTIVELY.



SURFACE WATER DRAINAGE.

115 dia. half round rainwater gutters to 65 dia. rainwater pipes 82.4 dia. underground pipes flexibly joined to a fall of 1:70 pipes bedded and surrounded in pea gravel and discharge to 1.2m dia. soakaway min. 5.0m from dwelling.

LINTELS,

All lintels to be manufactured by Messrs. I.G. and to be installed in accordance with makers' instructions, and to have min. end bearing of 150mm and at external positions to have cavity tray D.P.C. to CP. 121: Lintels in garage to be underlined with 12.7 fireline board or reactive 12mm render and skim.

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 instruction and relevant Codes of Practice.
Materials shall conform to appropriate British Standard Specification or BSA Certificate or European Code equivalent.

WALLING.

Face brickwork to B.S. 3921:1974 for clay bricks and B.S. 187:1978 for calcium silicate bricks: Gable walls 215mm: Flank walls 105mm with 215 x 215 piers at mid points.

PITCHED ROOF CONSTRUCTION

interlocking concrete roof tiles, metal cladding by P.S. 475 parts 1971, and S.S. x98 softwood treated timbers on underlaid by P.S. 747 (type I) and in all cases to be lapped by 50mm both vertically and horizontally. Tiles to be laid with min. headlap of 75mm and to be fixed in accordance with required wind speed, roof pitch and exposure category as detailed in CP9 chapter V part 2 1972. Timberframe specialist made prefabricated roof trusses to comply with S.S. 5268B part 3 98BS, RB5S CHCS TO BE SUBMITTED TO / A MIN. 28 DAYS PRIOR TO ERECTION. CHECK ON SITE: S.S. 100 ridge male bender S.B. 100 ceiling binder. All trusses to be strapped to wall plate by S.S. x95 galvanneal metal straps acting as anchor and lateral restraint straps at max. 1.5m c/c.

Note: provide solid bracing beneath straps: S.S. x100 wall plate braced down on sand and cement; S.S. x175 fascia boards: 6mm end, grade plywood soffits.

2. All structural timber to be min. SCS grade

SUB STRUCTURE WALLING.

100mm dense concrete blocks to B.S. 6075 pt1 1981.
DPC to external wall positioned in accordance with CP
102 min. 150 above finished ground level. Brickwork
below d.p.c. to be F.L. quality.

GROUND FLOOR CONSTRUCTION.

Strip all vegetable soil and lay floor as follows: 100mm
5:4 mix concrete oversite on 1200g polythene D.P.M.,
lapped continuous with D.P.C. by min. 100mm : 150
blinded and consolidated hardcore

FOUNDATIONS.

Under walls as shown provide strip concrete foundations as follows: Under 215 walls provide 225 x 600 and under 100 walls provide 225 x 450 all 514 mix to P.S. 5528; 1990. All foundations taken down to bear on lead bearing strata min. depth of 600 to top of foundations; should shrinkable soil conditions be found on site then foundations shall be taken down to a depth of 1 metre below ground level.



LOCATION PLAN.
1/2500

**DETERMINED
PLAN**

A	BOUNDARY DIMENSIONS - PLANNING.	MAY '06
ref:	modeling	date:

G. R. MERCHANT LTD.
I.ENG AMICE FWFO

**ARCHITECTURAL, STRUCTURAL
AND LAND DRAINAGE
CONSULTANTS**

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Project
DETACHED SINGLE GARAGE,
2 BATTLEFIELD LANE,
HOLBEACH,
SPALDING, LINC'S.

Client
MR. & MRS. T. J. GIBBONS.

Drawing
FLOOR PLAN & ELEVATIONS,
SITE & LOCATIONS PLANS.

Job Ref.
1409-06.

Date APRIL '06

Scales
1/50, 1/100, [unless otherwise stated]

[illegible]