



Interlocking concrete roof tiles to match existing to B.S. 475 part 2 1971, on 25 x 38 softwood treated battens on underfelt to B.S. 747 (type I) felt. And in all cases to be lapped by 150mm both vertically and horizontally. Tiles to be laid with min. headlap of 75mm and to be fixed in accordance with regard to wind speed, roof pitch and exposure category as detailed in CP3 chapter V part 2 1972. Timberplate specialist made prefabricated roof trusses to comply with B.S. 5268 part 3 1985. TRUSS CALC'S TO BE SUBMITTED TO L.A. M.N. 28 DAYS PRIOR TO ERECTION. Trusses to be at 600/c/c to a pitch of 40 deg. CHECK ON SITE. 38 x 100 ridge node binder. 38 x 100 ceiling binder. All trusses to be strapped to wall plate by 30 x 9 galvanised metal straps acting as anchor and lateral restraint straps at max. 1.5m c/c. Note: provide solid bracing beneath straps. 30 x 100 wall plate bedded on sand and cement. 25 x 175 fascia boards: 6mm ext. grade plywood soffit complete with 10mm wide continuous air gap and fly proof screen. All

Face brickwork to B.S. 3921:1974 for clay bricks and B.S. 187:1978 for calcium silicate bricks: 100mm Tanmac Hemelite insulation block to form 215mm wall

2 x 100mm dense concrete blocks to B.S. 6073 pt.1 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.

Strip all vegetable soil and lay floor as follows: 100mm
S14 mix concrete oversite on 1200g polythene D.P.M.
lapped continuous with D.P.C. by min. 100mm : 150
blinded and consolidated hardcore

Under walls as shown provide strip concrete foundations as follows: Under 215 walls provide 225 x 600 all S14 mix to B.S. 552B 1990

All foundations taken down to bear on load 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.

115 dia. half round rainwater gutters to 63 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.

All: Intels 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. Intels in garage to be underlaid with 12.7 fireline board or receive 12mm render and skim.



**DETERMINED
PLAN**

ref	revision	date
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I.ENG AMICE FTWO

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Project

DOUBLE GARAGE
DAMGATE.
HOLBEACH.
SPALDING, LINC'S.

Client
D. BROWN [BUILDING CONTRACTORS] LTD.

Drawing

FLOOR PLAN / ELEVATIONS / SECTION

Job Ref
678-03

Drawing No	06
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Date
APRIL '03.

Drawn	GRM.
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Scales

1:50 1:100

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This drawing is copyright and may not be altered, traced, photographed or used for any other purpose other than that for which it is issued.
The General Contractor is to check all dimensions on site and report any discrepancies to the Architect.
All details shown on this drawing including foundations are based upon typical site conditions related to the area. No responsibility can be accepted for abnormal conditions which only be discovered during construction unless reported to the Architect so that design amendments may be considered. Site soil surveys are recommended in respect of foundations to establish specific site conditions before foundation work is undertaken.