

makers instructions including head laps. Slates to be laid to relevant code of practice. Specialist made prefabricated roof trusses to BS:5268 parts 1 & 2 max. 600mm centres. 25 x 100 ridge node and intermediate binders. Additional bracing within the plane of the web. 25 x 100 ceiling ties at 45° to wall plate bedded on sand and cement. 30 x 5 galvanised metal straps to act as anchor and lateral restraint straps at max 2.0 M centres. Lateral bracing over min. 3 No. members with solid bridging beneath. Straps down walls to be min. 900 long, 25 x 150 lay boards. Vulcanic fibreglass trough wall and roof. Structural timber to be min. SC3 grade. PVCU soffits and fascia boards. 250mm insulation quilt to entire roof space laid to lap integral with wall and half round rain water gutters to 68mm down pipes discharging to existing outfalls. Provide compound trusses at roof intersections. 12.5 plasterboard to internal walls. Note: Existing roof structure has been considerably strengthened in the past but it would be prudent to check whether any further measures may be required. The existing flat roofed section is to be over spanned with the new construction and careful consideration shall be given to the eaves detail upon the setting of the wall plate.

SECTION

LINTELS: As manufactured by Messrs. I.G. or similar and installed in complete accordance with the makers instructions and have minimum 150mm end bearings and cavity tray dpc's to external positions.

ELECTRICAL: All electrical works shall be carried out to the latest and current regulations and to The Building Regulations approved document Part P. Reasonable provision shall be made in the installation of electrical installations in order to protect persons from fire or injury.

HEATING: Existing circuits to be extended through to new accommodation and all pipes not contributing to useful heat output shall be insulated. Provide thermostatic radiator valves.

conservatory

s.d.

kitchen

store

utility

boiler

wc

EXISTING SINGLE STOREY

office

Check lintel

L. 10 + box / LINTEL

GL15/L200

connect to nearest I.C.

GROUND FLOOR PLAN

FOUL DRAINS: Inspection chamber construction to be Bartol or similar with the internal dia. related to the depth to BS:8301:1985. Pipes to be 110 dia. plastic

FRONT

Architectural elevation drawing of the side of a building. The drawing shows a two-story structure with a gabled roof, multiple windows, and a central entrance. A section of the building is labeled "ex. single storey bricked round". A note on the right side of the drawing reads "Face brickwork to match existing".

SIDE

Architectural drawing of a two-story house with a gabled roof. The drawing shows a cross-section of the roof structure, with a label indicating the "line of existing pitched roof". The house has multiple windows and a chimney.

REAR

SIDE

REAR

SIDE

DETERMINE PLAN

bedroom

bedroom

bedroom

c

bath

c

en suite

new window

check lintel

check lintel

block up

remove walling to former w.c.

IGL15HD/3000

IGL15/1500

IGL15/2700

38x170@400

IGL15/1500

FIRST FLOOR PLAN

FOOTNOTES: At first floor level above the existing structure provide 38 x 170 SC3 grade floor joists set at 400mm centres. Provide solid bridging at mid introduce 30 x 5 galvanised metal straps as lateral restraint straps set at max. 2.0M centres with solid bridging beneath within the void 100mm of resilient sound insulation quilt. 19mm t&g flooring grade chipboard with all joints glued and screwed.

FIRST FLOOR PLAN

**DETERMINED
PLAN**

SHDC
PLANNING & DEVELOPMENT
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ROGER WILLIAMS
Architectural Design Consultant
31 Stephenson Close, Boston, FE21 7SY
Tel/Fax 01205 363603 Mobile 07767 888684

Client: MR & MRS C. DOLMAN

Project: proposed alterations,
extensions and new roofing
at wavertree grange
st. johns road holbeach.
Scale: 1:50 1:100

Date: APRIL 2006

Drawing No: 01

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All dimensions to be checked and verified on site prior to commencement of works. Ground bearing capabilities are assumed to be normal unless deemed otherwise with due account given thereto. All drawings are issued, where appropriate, subject to Local Authority approvals.

The works shall comprise of that shown on the drawings and include any works that whilst not specifically shown but may be reasonably inferred as being necessary to carry out the works shall be deemed to be included. The drawings are limited in the amount of information contained and are specifically for the gaining of consents or considerations from Local Authorities. The works are not fully specified and drawings should not be used for Contract purposes.

Unless specified otherwise, no formal Flood Risk Assessment has been undertaken and due account therefore has been given to the discharge of surface and foul water to existing outfalls or as specified upon the drawing.