

SECTION AA

MAIN ROOF CONSTRUCTION

- BREATHER MEMBRANE (TYVEK OR SIMILAR) OVER RAFTERS
- HORIZONTAL TREATED TILE BATTENS NAILED TO RAFTERS
- INTERLOCKING CONCRETE TILES TO MATCH EXISTING
- UPVC BARGE BOARD AND VERG DETAIL TO MATCH EXISTING WITH VENTILATION OF 3000MM²/M IN SOFFIT
- TRUSS RAFTER ROOF CONSTRUCTION TO MATCH EXISTING ROOF PITCH (TO BE DESIGNED BY MANUFACTURER)
- INSULATION PROVIDING U-VALUE BETTER THAN 0.16 W/M².K
- CROWN WOOL FIBRE-GLASS ROLL INSULATION
- 100MM BETWEEN JOISTS
- ADDITIONAL 170MM LAID OVER JOISTS

FIRST FLOOR CONSTRUCTION

- 18MM CHIPBOARD FLOOR ON
- 50X175MM C24 JOISTS AT 400MM C/C
- 100MM ROCKWOOL INSULATION
- 2 LAYERS 12MM PLASTERBOARD 10KG/M²
- STAGGERED JOINTS, FULL PLASTER SKIM TO FORM 1 HOUR FIRE BARRIER OVER GARRAGE.

WINDOW CONSTRUCTION

- WEEPHOLES AND DPC TRAY OVER IGG LINTELS
- DOUBLE GLAZED UNITS
- U-VALUE 1.8 W/M².K
- FITTED WITH TRICKLE VENTS

INTERNAL WALL CONSTRUCTION

- CLS TIMBER STUDS 75MM AT 400MM C/C
- 2 LAYERS OF 9.5MM PLASTERBOARD 10KG/M²
- OVERLAPPING JOINTS, WELL SEALED
- 60MM ROCKWOOL INSULATION
- FULL KSKIM OF PLASTER

DWG NO.

SCT AA

SCALE

1:50

IAIN SLOANE

DRAWN BY

PRINT SIZE

A3

DRAWN DATE

1/2/2013

REVISION

EAST ELEVATION (FRONT)

CLIENT HUGGINS FAMILY, 34 LIDIARDS WAY, PURBROOK

SECTION THROUGH 2 STORY EXTENSION

SECTION AA

04 MAR 2013

RECEIVED

Scale Bar (m)

10

9

8

7

6

5

4

3

2

1

0

WEST ELEVATION (REAR)

GROUND LEVEL TO BE MINIMUM 150MM BELOW DPC

SINGLE STORY EXTENSION

GROUND FLOOR CONSTRUCTION

SINGLE STORY EXTENSION (TIMBER)

- PROVIDING U-VALUE BETTER THAN 0.22 W/M².K
- 18MM CHIPBOARD FLOOR ON 50X175MM C24 JOISTS AT 400MM C/C
- 110MM CELOTEX XR3000 RETAINED BY CELOTEX INSULATION CLIPS

2 STORY EXTENSION (GARAGE CONCRETE)

- TYPE 1 CRUSHED LIMESTONE COMPACTED FILL UP TO 200MM BELOW FINISHED FLOOR LEVEL
- 5MM SAND BLINDING LAYER
- 1200 GAUGE POLYTHENE DPM LAPPED UP FACE OF BRICKWORK
- 195MM RC35 CONCRETE FLOOR SLAB REINFORCED WITH A SINGLE LAYER OF A193 STEEL MESH 50MM ABOVE BASE, BRUSH FINISH

UNDER BUILDING

TOPSOIL TO BE REMOVED AND STORED
CAPPING LAYER OF CRUSHED SITE RUBBLE
MAINTAINING A MINIMUM CLEAR GAP
OF 300MM BELOW GF

FOUNDATION CONSTRUCTION

15 N/M² CONCRETE SECTION FOUNDATION
300MM DEEP BY 600MM WIDE
AT A MINIMUM DEPTH 1.47M BELOW
EXISTING GL. TO BE INSPECTED BY
BUILDING CONTROL

EXTERNAL CAVITY WALL CONSTRUCTION

PROVIDING U-VALUE OF 0.03 W/M².K, ALL NEW CAVITIES TO BE CONTINUOUS WITH EXISTING

ABOVE DPC

- EXTERNAL SKIN, FACE BRICKWORK TO MATCH EXISTING
- INTERNAL SKIN, 100MM THERMALITE TURBO BLOCKWORK
- 75MM CAVITY WITH 75MM CROWN DRITHERM CAVITY SLAB PLUS FULL FILL INSULATION
- STAINLESS STEEL DOUBLE TRIANGLE TIES AT 750MM HORIZONTAL C/C AND 450MM VERTICLE C/C
- INTERNAL FINISH, 15MM PLASTER HARDWALL AND MULTIFINISH

DPC - CONTINUOUS WITH 225MM FALL BETWEEN INTERNAL AND EXTERNAL SKIN (HYLOAD OR SIMILAR)

BELOW DPC

BOTH SKINS TO BE 100MM 7N/M² DENSE BLOCKWORK (OR FACE BRICK ON EXTERNAL SKIN WHERE VISIBLE), CAVITY TO BE FILLED WITH LEAN MIX CONCRETE UP TO 225MM BELOW EXTERNAL DPC. AIR VENTS BELOW GROUND FLOOR EVERY 1.2M

50X100MM FLOOR PLATE SECURED TO WALL WITH GALVANISED STRAPS AT 1.2M INTERVALS

BED 6

BED 5

SIDE WINDOWS IN BED 5 & 6 TO HAVE OPAQUE GLASS TO PILKINTON LEVEL 3

GARAGE

GARAGE FLOOR LEVEL 150MM BELOW INTERNAL FLOOR LEVEL, TO MATCH EXISTING GARAGE CONSTRUCTION

2 STORY EXTENSION