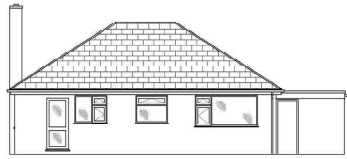




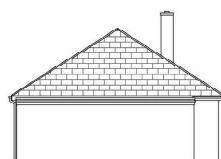
EXISTING FRONT ELEVATION FROM CARNOUSTIE CRESENT



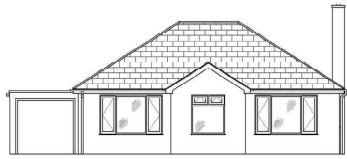
EXISTING SIDE ELEVATION



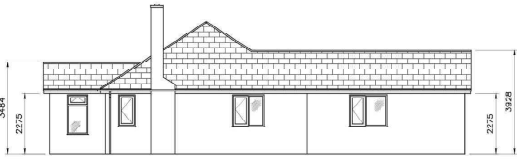
EXISTING REAR ELEVATION



EXISTING SIDE ELEVATION



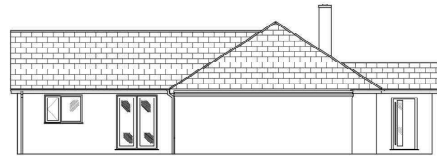
PROPOSED FRONT ELEVATION FROM CARNOUSTIE CRESENT



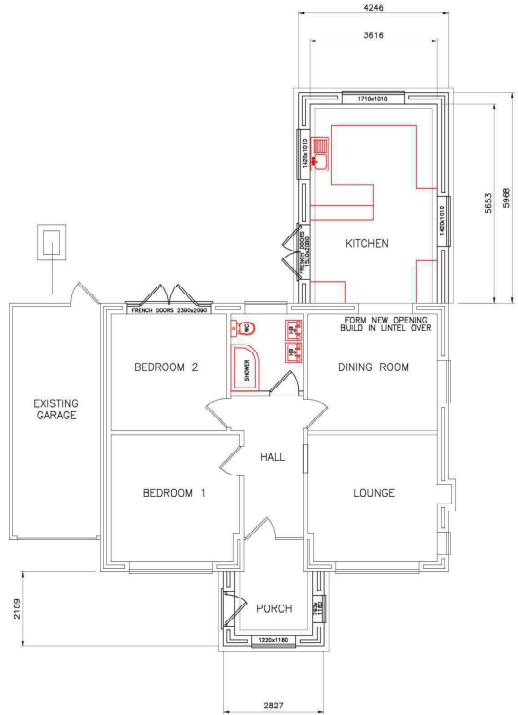
PROPOSED SIDE ELEVATION



PROPOSED REAR ELEVATION



PROPOSED SIDE ELEVATION



MANUFACTURERS DETAILS AND STRUCTURAL CALCULATIONS IN RESPECT OF TRUSSES RAFTERS SHOWN THEIR COMPLIANCE WITH PART A1 UPON PLACEMENT OF ORDER ON TRUSS MANUFACTURER.

ROOFING TILES ON 38 x 25 TIMBER BATTENS ON APPROVED UNIFABRIK ROOFING FELT ON JOHN S400 JOISTERY LTD (OR EQUIVALENT) FACTORY BUILT TRUSSED RAFTERS, SPACED AT 600 CTRS, DESIGNED, FIXED AND WIND BRACED IN ACCORDANCE WITH BS2688 PART 3, (U/L) 10 CABLE ENDS WITH MILD STEEL TIES, 30 x 5 SECTION, AT 2000 MAX CTRS, ALONG RAFTERS AND CEILING JOIST.

RAFTERS AND CEILING JOIST TIED TO GABLE ENDS AND FLOOR JOIST TIED TO FRONT AND REAR WALLS WITH MILD STEEL TIES 30 x 5 SECTION AT 1800 MAXIMUM CENTRES.

100 x 50 TIMBER WALL PLATES TIED TO WALLS WITH MILD STEEL TIES 30 x 5 SECTION AT 1000 CENTRES.

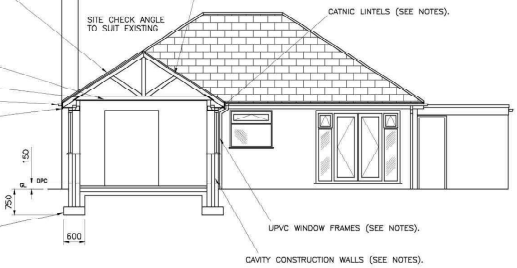
250 THK FIBREGLASS INSULATION FITTED TO ALL CEILING AREAS, TO BE PLACED IN TWO LAYERS, ONE BEING ACROSS THE CEILING JOIST MEMBERS, CEILING 12.5 THK GYPROC PLASTERBOARD.

6 THK PLYWOOD INSULATION RETAINERS SQUARE LINE WHITE PV6 OUTER

FIT PROPERLY VENTILATOR FITTINGS IN ROOF (GENERAL P V ROOF VENTILATOR OR EQUIVALENT) TO GIVE EQUIVALENT OF A 10mm VENTILATION GAP BOTH SIDES OF ROOF FOR CROSS-FLOW VENTILATION UP THE ROOF. PVC FASCIA BOARDS TO MATCH EXISTING.

17kN/m2 DPO IN ALL WALLS. DEPENDENT UPON SUB-SOIL CONDITION. 1A IN SITE INSTRUCTION.

CONCRETE FOUNDATIONS OR TRENCH FILL



SECTION THROUGH PROPOSED EXTENSION

General Notes

FOUNDATIONS AND WALLS UP TO DPC
PORTLAND CEMENT CONCRETE (1:3:6 MIX)
FOUNDATIONS FOR WKS = 250 DEEP SAFETY
CAVITY WALLS, WALLS UP TO DPC
FURNACE BRICKWORK WITH UP/DOWN DPC 150 WKS
ABOVE GROUND LEVEL CAVITY IN THE
CAVITY TO BE FILLED WITH WEAR MIX CONCRETE
UP TO DRAINAGE LEVEL

EXTERNAL WALLS
CAVITY WALLS COMPOSE 103 THK OUTER SKIN
FACING BRICKWORK TO MATCH EXISTING, 75 THK CAVITY
CONCRETE TO THE EXISTING EXTERIOR FULL FULL CAVITY
ISOLATION AND AN INNER SKIN OF THINWALL
SHEDD BRICKWORK TO GIVE A MINIMUM 1/2 VALUE
OF 0.18 W/m² C, TIED TOGETHER WITH STAINLESS
STEEL WALL TIES SPACED 800 HORIZONTALLY AND
450 VERTICALLY
AT WINDOWS AND DOORS THE CAVITY CLOSED TO
A MINIMUM 150mm AND IN ALL VENTILATION DAMPERS
INSULATED DPC, INTERNAL SKIN RENDERED 18 THK
AND SKINNED IN PLASTER

INTERNAL PARTITIONS
100 THK FIBREGLASS BLOCK-WORK, RENDERED BOTH
SIDES 18 THK AND SKINNED WITH PLASTER

WINDOWS AND DOORFRAMES
UPVC FRAMES TO MATCH EXISTING FITTED WITH
DOUBLE GLAZED SEALED UNITS, INCORPORATING
FLUOROPOLYMER 1/2 GLASS, GIVING A U VALUE OF
2.0 W/m² K, ALL FRAMES FITTED WITH TRIPLE
GLAZED VENTILATIONS TO GIVE MINIMUM OF 6000mm²
PER ROOM
MINIMUM OPENING AREA NOT LESS THAN 5%
OF FLOOR AREA

GLAZING
ALL INTERNAL AND EXTERNAL GLAZING IN WINDOWS
UP TO 800 ABOVE FINISH FLOOR LEVEL AND ALL
INTERNAL AND EXTERNAL GLAZING IN DOORS OR
UP TO 1500 ABOVE FINISHED FLOOR LEVEL
TO COMPOSE OF:
LAMINATED OR TONED GLASS AS DEFINED IN
RELEVANT REGULATION FOR IMPACT
GLASS AND SAFETY GLASS PLASTICS USED IN BUILDING
GLASS 3.0 ON ANGLING GLASS THICKNESS TO
BE DETERMINED BY THE FOLLOWING TABLE:

SIZE OF PANEL
UP TO 1100 H x 1100 L 8 THK
UP TO 2000 H x 2000 L 10 THK
UP TO 3000 H x 4000 L 12 THK
ANY HEIGHT x ANY LENGTH 12 THK

LINTELS
EXISTING GALVANISED INSULATION STEEL LINTELS TO
MANUFACTURER SPECIFICATION AND FIT CAVITY
TIGHT OVER

PLUMBING
SINGLE SINK PLUMBING TO SINKETS, ALL
APPLIANCES TO BE CONNECTED SEPARATELY,
100 DA SINK AND VENT PIPES TO EXTEND ABOVE
ROOF COVERING AND TERMINATE WITH UPVC
BELLIES, MINIMUM 1000 ABOVE HIGHEST OPENING
PITCH, SINK TRAP ENCLOSED IN 100 THK
PLYWOOD FIXED WITH BRASS CORNERS AND SCREWS TO
TIE IN FRAMEWORK, INSULATED WITH 100 THK
DUAL 100 DA UPVC WASTE TO WC, 38 DA UPVC
WASTE TO BATH, SINK, SINK WASHING MACHINE
AND FORTHWARDS TO THE UPVC WASTE TO BATH
38 DA UPVC WASTE BATHS, LENGTH OF RUN
FACTORS 7500, ALL APPLIANCES FITTED WITH 75
DEEP SINK TRAPS, WHICH ARE TO BE APPROVED
BATHING TRAPS FOR OTHER QUALITY APPROPRIATE
RANTRY FITTINGS

DRAINAGE
DRAINPIPES TO BE 102 DA HEPBLENDE VERIFIED
DRAINPIPES, JOINTS TO BE PLASTIC PROTECTED IN
ACCORDANCE WITH BS8301, BEDDED AND
SURROUNDED IN 100 THK SINKS PROTECTED
THROUGH WALL FOOTINGS WITH LINTELS OVER AND
50 CLEARANCE ALL ROUND WITH THE EXISTING
MARKERS WITH BOLD SHEET MATERIAL TO PREVENT
MOVEMENT OF FULL OR VERTICAL
MARKERS 610 x 480 FROM JOHN S400 JOISTERY
ENGINEERING BRICKWORK FROGS UP, FROGS BOND
JOINTS WELL FLUSHED UP, ON 150 THK CONCRETE
BASE, FITTED WITH CAST IRON CORNER
SURFACE WATER DRAINS FIXING

HEATING AND COVENING
EXTEND EXISTING RADIATOR SYSTEM AND THE DOMESTIC
HOT AND COLD WATER SUPPLY TO THE NEW WASH
BATH, SINK, WC, SHOWER AND WASHING MACHINE
ALL NEW PIPING TO BE FITTED WITH
THERMOSTATIC RADIATOR VALVES

ELECTRICAL
LIGHTING AND POWER RING MAINS TO BE EXTENDED
IN ACCORDANCE WITH BS REGULATION
ALL ELECTRICAL WORK IS TO MEET THE REQUIREMENTS
OF PART 6 ELECTRICAL SAFETY OF THE BUILDING
REGULATION, AND WILL BE DESIGN, INSTALLING
INSPECTED AND TESTED BY A PERSON COMPETENT TO
DO SO
AN ELECTRICAL INSTALLATION CERTIFICATE WILL BE
ISSUED UNDER A COMPETENT PERSONS SIGNATURE
IT TO BE ISSUED OR AN APPROPRIATE ELECTRICAL
CERTIFICATE WILL BE ISSUED FOR THE WORK, SIGNED
BY A PERSON COMPETENT TO DO SO, ALL TO THE
SATISFACTION OF THE LOCAL AUTHORITY
IN ACCORDANCE WITH THE BUILDING REGULATIONS
AND LATEST AMENDMENTS

D	A5 BUILT	16/07
A	INITIAL ISSUE	12/11
No.	Revision/Issue	Date

Client Name and Address

Project Name and Address

HOUSE EXTENSION
22 CARNOUSTIE CRESENT
SPALDING
SOUTH Lincs
PE11 2SW

Project

RS001

Date

12/11/18

Scale

1:75/1:100 @ A1

Sheet

SHEET 1
OF 2