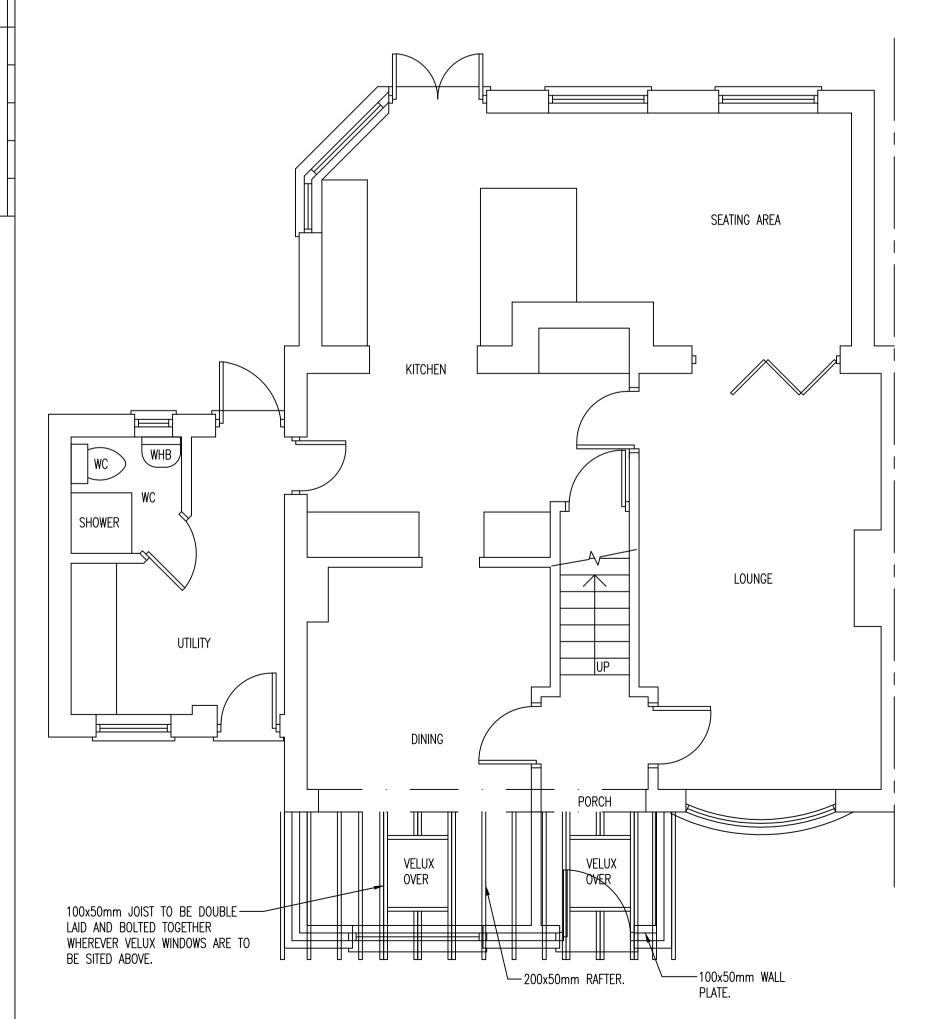
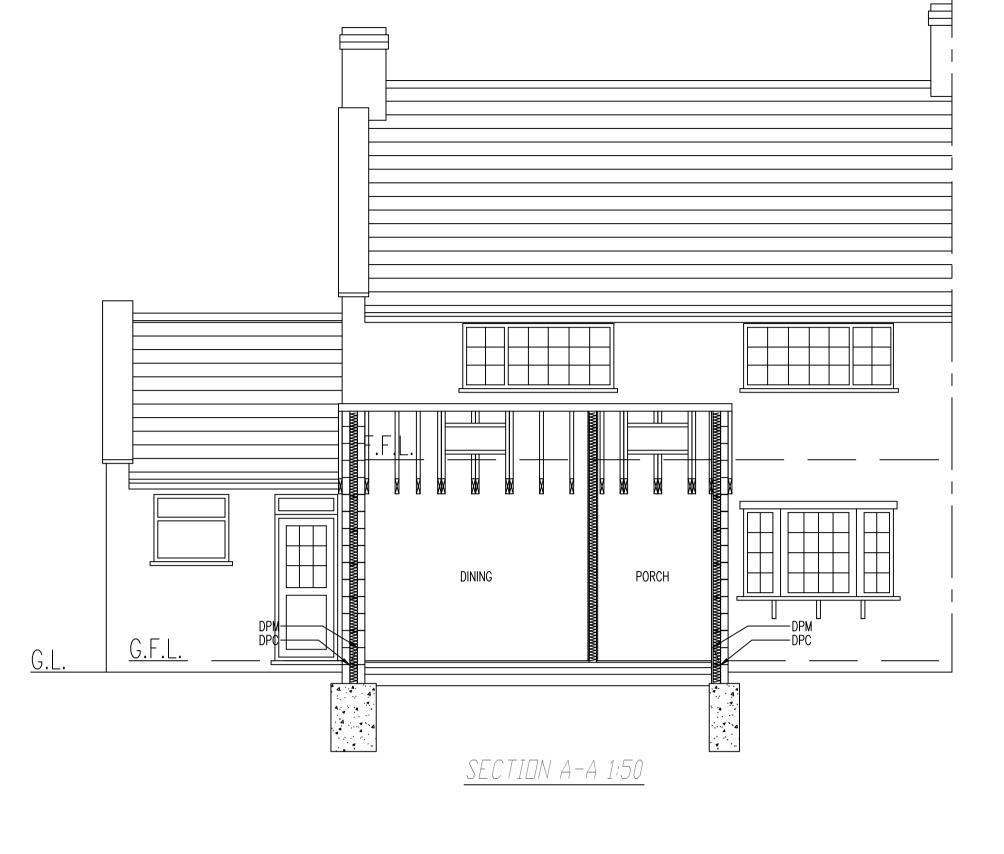


# PROPOSED FOUNDATION PLAN 1:50



PROPOSED RAFTER PLAN 1:50



DINING SECTION B-B 1:50

## BUILDING REGULATIONS NOTATION

FOUNDATIONS TO BE CONCRETE MIX GEN 3 TO BS 5328 1981. 600x1000 TRENCH FILL FOUNDATION TO CAVITY WALLS TO A DEPTH OF 1000mm MINIMUM TO TRENCH BOTTOM OR TO THE SATISFACTION OF THE LOCAL AUTHORITY INSPECTOR.

100mm DENSE BLOCKWORK TO HAVE MINIMUM DENSITY OF 1500KG/CU.m AND STRENGTH NOT LESS THAN 7.0N/SQ.m 100mm CAVITY TO BE FILLED WITH GEN 3 CONCRETE MIX UPTO 225mm BELOW DPC.

75mm SAND & CEMENT SCREED ON 500 GAUGE DPM ON 90mm CELOTEX INSULATION STRICTLY TO MANUFACTURES INSTRUCTIONS ON 150mm CONCRETE SLAB. SLAB TO BE THICKENED TO 300MM UNDER LOADBEARING WALLS CARRYING JOISTS. CONCRETE SLAB TO INCLUDE A142(200mmx200mm - 6mm WIRE) REINFORCEMENT MESH OVER ANY DRAINAGE AREAS AT A MINIMUM DEPTH OF 50mm ON VISQUEEN 1200 GAUGE DPM ON 50mm OF SAND BLINDING ON 250mm WELL COMPACTED HARDCORE ON WELL TAMPED BOTTOM. DPM IS TO CONTINUOUSLY MEET THE DPC IN THE WALLS.

100MM RENDERED BLOCK TO MATCH EXISTING ON 100MM CAVITY WITH 90MM KNINGSPAN KOOLTHERM K106 ON 100MM THERMALITE BLOCKWORK ON 13MM PLASTER WITH 2 LAYERS OF SKIM. DPC TO BE 150MM MIN. ABOVE G.L. WALL TIES TO BE STAINLESS STEEL 450MM CTS VERT & 750MM HORIZ & EVERY COURSE AROUND OPENINGS. WHERE NEW WALLS MEET EXISTING WALLS USE FURFIX PLATES TO BOND NEW BLOCKWORK. ALL INSULATED CAVITY CLOSERS TO BE THERMOBATE.

ALL PARTITION WALLS TO BE FILLED WITH 100MM ROCKWOOL AND BOARDED EITHER SIDE WITH 15MM ACOUSTIC SOUND BOARD.

100MM MINERAL TO BE ADDED TO FIRST FLOOR VOID. 22mm CHIPBOARD ON 200mmX50mm C24 JOISTS AT 400mm CENTRES, ON 15mm PLASTERBOARD WITH 2mm PLASTER SKIM UNDERNEATH.

ALL LINTELS ABOVE OPENINGS ON EXTERNAL WALLS TO BE INSULATED CATNIC CGE90/100 WITH MIN 150mm OVERHANG EACH END. WINDOWS/FXTERNAL DOORS

WINDOWS TO BE PVC-u TO GIVE MIN U-VALUE OF 1.4 W/m<sup>2</sup>K. ALL WINDOWS TO BE FITTED WITH TRICKLE VENTS TO 8000mm<sup>2</sup> IN HABITABLE ROOMS AND 4000mm<sup>2</sup> IN KITCHEN. OPENINGS MUST BE 1/20TH OF THE FLOOR SPACE OF THE EACH ROOM. GLAZING TO BE LAMINATED & TOUGHENED IN ACCORDANCE WITH PART K & BS 6206. WINDOWS AT FIRST FLOOR LEVEL ARE TO BE A MINIMUM OPENING WIDTH OF 450mm TO PROVIDE AN OVERALL CLEAR AREA OF 0.33M2 FOR MEANS OF ESCAPE. ANY GLAZING AT FIRST FLOOR LEVEL BELOW 800MM WILL BE RESISTANT TO IMPACT TO MEET THE REQUIREMENTS OF BS6399:PART 1:1996 PRODUCTS USED MUST BE MANUFACTURED TO A DESIGN THAT HAS BEEN TESTED TO EXCEED THE REQUIREMENTS OF ADQ.

EXTRACTS TO BE DUCTED EXTERNALLY. FAN PERFORMANCE WILL BE 30L/S.

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INTERLOCKING CONCRETE ROOF TILES TO MATCH EXISTING ON 38mmx25mm TANALISED ROOF BATTENS ON TYVEX BREATHABLE ROOFING MEMBRANE LAID STRICTLY TO MANUFACTURES INSTRUCTIONS. ON 200mmx50 SW C16 RAFTERS AT 400 CTS. 150mm CELOTEX TO BE LAID BETWEEN RAFTER WITH 40mm CELOTEX FIXED TO THE UNDERSIDE OF THE RAFTERS WITH 12.5mm PLASTERBOARD BONDED TO THE CELOTEX. YEOVIL CAVITY TRAY TO BE ADDED AT THE JUNCTION BETWEEN THE EXISTING WALL AND THE NEW ROOF.

YEOVIL CAVITY TRAY TO USED AT JUNCTION BETWEEN LEAN TO ROOF WITH EXISTING HOUSE.

ALL ROOF STRAPS TO BE 30mmx5mm BY MIN 1200mm LONG WITH 100mm TURNDOWN INTO CAVITY AT 1800mm MAX CTS.

SOFFITS AND FASCIA TO BE WHITE PVC-u WITH BIRD PROTECTION. GUTTERING TO BE BLACK HALFPIPE U-PVC.

IN ACCORDANCE TO BS EN 12056 TYPICAL PIPEWORK SHOULD FALL AT 22mm/m. LONG RADIUS BENDS MUST BE USED FOR ALL BENDS. ACCESS POINTS TO BE INSTALLED 1200mm ABOVE FL. WASHHAND BASINS 32mm TRAP THEN 38mm TO MEET PART M THE LIGHT SWITCHES MUST HAVE A MAXIMUM HEIGHT OF 1200mm AFFL TO DIAMETER PIPEWORK. SINKS 38mm DIAMETER THE TOP AND SOCKETS 450mm AFFL TO THE TRAPS AND PIPEWORK. WC 100mm DIAMETER PIPEWORK. CONNECT TO DISCHARGE STACK. ALL

ABOVE ROOF LEVEL TO ATMOSPHERE. ALL BELOW GROUND DRAINAGE MUST BE INSTALLED MUST BE ENERGY EFFICIENT LAMP. THE LIGHT IN ACCORDANCE TO BS EN 752 TYPICAL PIPEWORK FITTINGS HAVE SOCKETS THAT CAN ONLY BE SHOULD FALL AT 22mm/m. CONNECT TO EXISTING USED WITH LAMPS HAVING AN EFFICACY SEWER. LONG RADIUS BENDS MUST BE USED FOR GREATER THAN 40 LUMENS PER CIRCUIT-WATT.

MAIN DISCHARGE PIPES RISE AND TERMINATE

ALL BENDS INCLUDING THE BASE OF ALL DISCHARGE STACKS. HEAD OF DRAIN MUST VENTILATE THROUGH THE BUILDING AND TERMINATE

#EAT PRODUCING APPLIANCES ABOVE ROOF LEVEL TO ATMOSPHERE. MANHOLES TO SPACE & HOT WATER HEATING TO BE RUN BE AIRTIGHT PREFABRICATED PLASTIC MANHOLES OFF MODIFIED EXISTING SYSTEM AND BOILER. INSTALLED TO MANUFACTURES INSTALLATION GUIDES EXISTING SYSTEM IS TO BE ASSESSED BY A AND SURROUNDED BY 300mm MIN OF GRADE 3 QUALIFIED PERSON PRIOR TO MODIFICATIONS CONCRETE. ALL PIPEWORK TO BE 100mm DIAMETER TO THE SYSTEM. IF A NEW BOILER ETC IS

ALL SURFACE WATER DRAINAGE TO BS EN 12056. TRV'S TO BE ADDED TO ALL RADIATORS WITH 1 GUTTER TO BE 100mm HALF PIPE WITH 75mm ROOM STAT PER HEATING ZONE. ENSURE A

SURFACE WATER TO GO TO SOAKAWAY SYSTEM WHICH MUST BE DESIGNED/INSTALLED IN ACCORDANCE WITH BRE DIGEST SECTION 365. 5m AWAY FROM HOUSE 100mm DIAMETER PERCULATED PIPE MUST BE USED WITH TERRAM 3000 WRAP. SOAKAWAY TO BE 1.5 CUBIC METRES MADE UP OF HARDCORE TO GIVE A THIRD VOID MINIMUM 5m FROM HOUSE.

ALL ABOVE GROUND DRAINAGE MUST BE INSTALLED ALL ELECTRICAL WORK MUST DESIGNED, INSTALLED MAINS LINKED SMOKE DETECTORS TO BE THEN TESTED & COMMISSIONED BY A COMPETENT INSTALLED TO MANUFACTURERES GUIDELINES TO PERSON WITH ALL RELEVANT CERTIFICATION BEING BE INSTALLED AS PER DRAWINGS TO MEET THE ISSUED UPON COMPLETION TO BS 7671.

> BOTTOM OF THE FINSHED PLATE. THIS APPLIES FOR ALL OTHER ELECTRICAL OUTLETS. TO MEET PART L1 THREE PER FOUR LIGHTS

LAID ON 150mm MIN. BED OF PEA GRAVEL. REQUIRED DETAILS MUST BE SUBMITTED TO BUILDING CONTROL PRIOR TO WORK STARTING. TANK STAT IS INSTALLED AND WORKING.

REQUIREMENTS OF APPROVED DOCUMENT B1.

STRUCTURAL ENGINEER CALCULATIONS TO BE SUPPLIED FOR ALL STEEL SPECIFICATION.

STEELS TO BE COATED IN AN APPROPRIATE LAYER OF INTUMESCENT PAINT WHERE NECCESARY IN ORDER TO ACHIEVE THE REQUIRED FIRE PROTECTION

A. Planning Application – 19.12.22 B. Building Regulations Application - 18.01.23

> PAPER SIZE A1 BUILDING REGULATIONS

Single Storey Front Extension

Date 19.12.22 Drawing No. Rev. 80772-2

25 Goldney Avenue, Warmley BS30 5JG