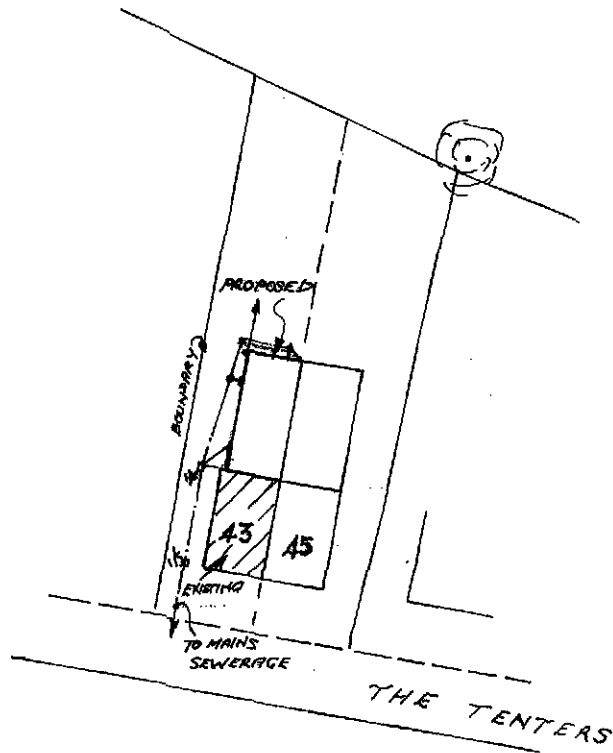


SITE PLAN

SCALE 1:500

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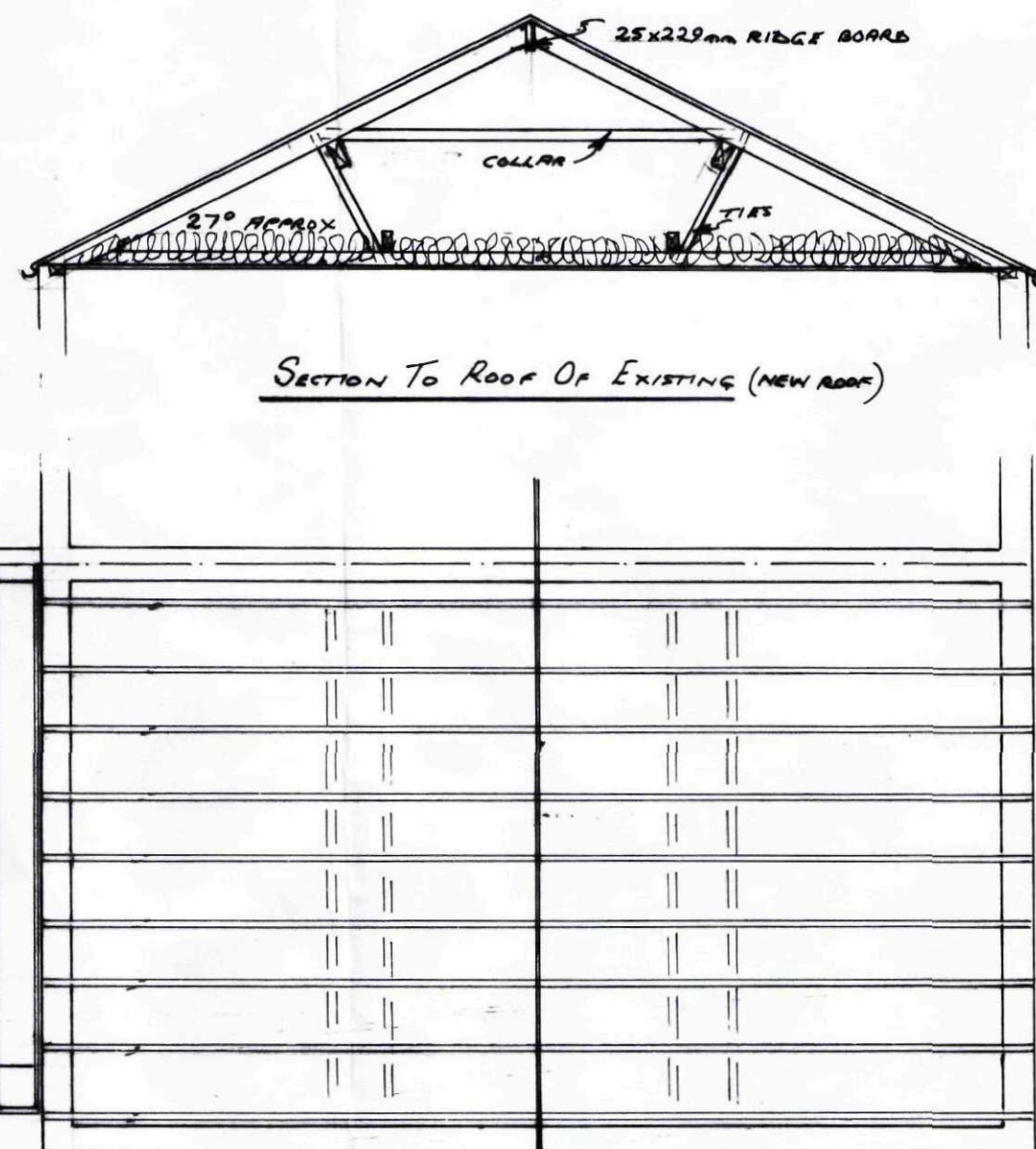
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PROPOSED EXTENSION TO

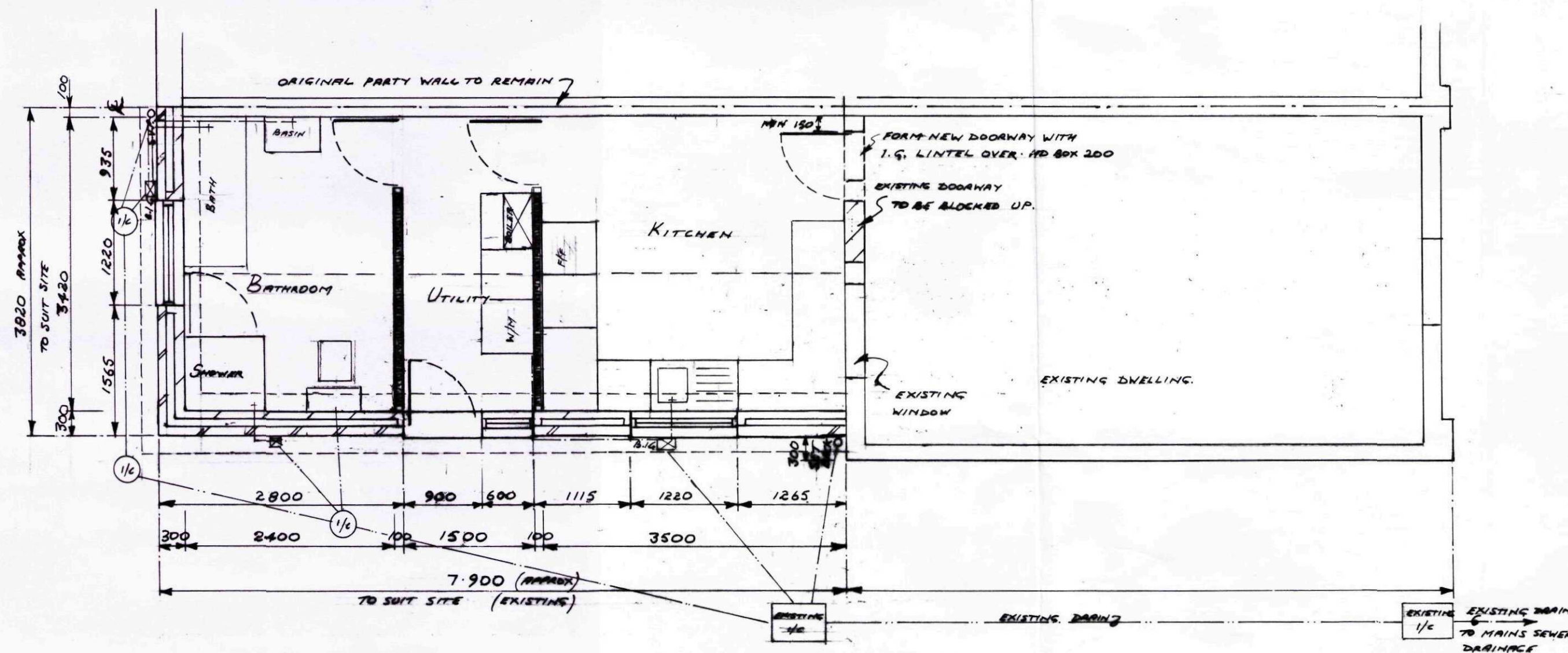
43, THE TENTERS, HOLBENCH, SPALDING LINE'S PE12 TAP

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ROOF TO EXISTING - TO MEET U VALUE 0.16 W/M²K
TO BE SLATES, FIXED ACCORDING TO SUPPLIERS INSTRUCTIONS, TO BE LAID ON TREATED
SOFTWOOD LATHS, NAIL TO RAFTERS, THROUGH AND OVER TYLER SINKING FELT, VAPOUR
PERMEABLE. ALL JOINTS TO LAP MINIMUM 150mm AND CARRIED DOWN INTO GUTTERS
RAFTERS 50x150mm @ 450mm CENTRES
CEILING JOISTS 47x97mm
BUNDERS 80x200mm
250mm CROWN 75' QUILT OR SIMILAR - SEE INSULATION NOTE.
PERMANENT ROOF VENTILATION - 10mm TO FULL LENGTH SEE VENTILATION NOTE.

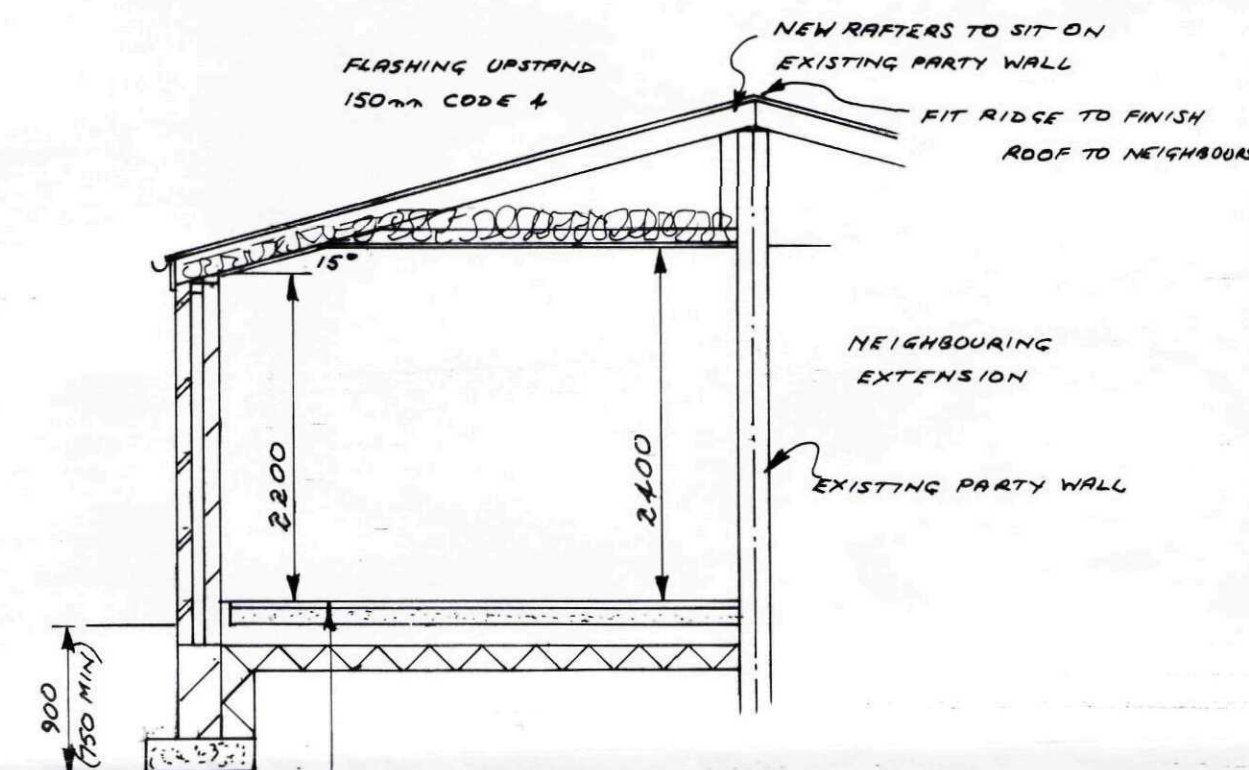


ROOF PLAN



ELECTRICAL INSTALLATION

ALL TO BE IN ACCORDANCE WITH LATEST REGULATIONS, BYELAWS ETC OF THE INSTITUTE OF ELECTRICAL ENGINEERS AND THE ELECTRIC BOARD.
LIGHT FITTINGS TO BE TYPE THAT WILL ONLY TAKE LAMP HAVING LUMINOUS EFFICACY GREATER THAN 40 LUMENS PER CIRCUIT WATT.
THE ELECTRICAL INSTALLATION CERTIFICATE TO BE ISSUED TO THE OWNER WITH A COPY TO BUILDING CONTROL BY PERSON COMPETANT TO DO SO. i.e. MEMBER OF NICEIC
HEAT ALARM TO KITCHEN AND EXISTING LANDING/STAIRS TO HAVE SMOKE ALARM.
WIRED BACK TO DEDICATED FUSE ON CONSUMER UNIT.
VENTILATION TO BATHROOM TO BE PERMANENT TO OUTSIDE WALL, OPERATED INTERMITTENTLY WITH 15 MINUTE OVERDRUN. EXTRACTOR FAN TO KITCHEN TO BE MINIMUM 60 LITRES SECOND OR IF WITHIN COOKER HOOD TO GIVE 30 LITRES SECOND.



50mm SAND/CEMENT SCREED TROWELLED SMOOTH
100mm OVERSITE CONCRETE, STA MIX, 125mm JALUTE SD GRADE
1200g (300 MICRONS) POLYTHENE MEMBRANE, 50mm SAND BLINDING
150mm CLEAN WELL CONSOLIDATED hardcore

SECTION THROUGH

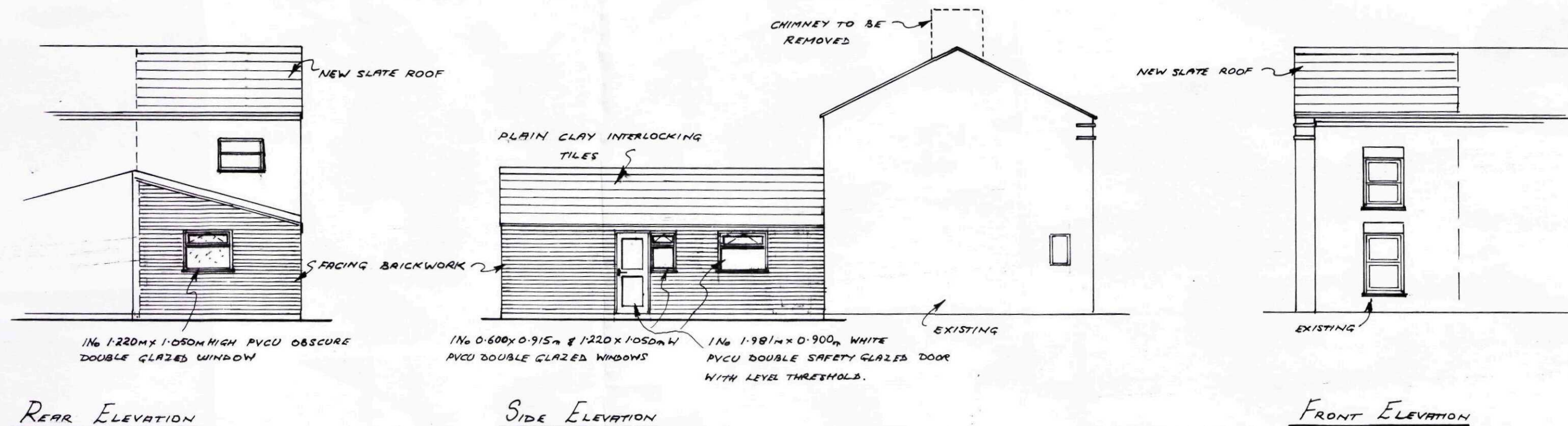
WASTE PLUMBING AND FOUL DRAINAGE

THE FOUL DRAINAGE TO BE CONNECTED INTO THE EXISTING SYSTEM, TO MAINS SEWERAGE
ALL TO BE 100mm DRAIN OR SIMILAR SYSTEM FITTED IN ACCORDANCE WITH MANUFACTURES
PRINTED INSTRUCTIONS AND TO COMPLY WITH PART H1 OF THE BUILDING REGULATIONS 2002
INCLUDING THE PASSING OF PRESCRIBED TESTS.
DRAINS PASSING THROUGH WALLS TO HAVE LINTOL OVER AND 50mm CLEARANCE AROUND
PIPE AND PACKED WITH MINERAL FIBRE.
NEW S.V.P. 110mm, TO TERMINATE WITH GLIDYALE GB UNIVERSAL VENTILATOR, MINIMUM
900mm ABOVE 1st FLOOR WINDOW HEAD LEVEL. DRAINS TO BE FITTED WITH REMOVABLE
CAPS FOR CLEANING.
ALL APPLIANCES TO BE FITTED WITH 75mm DEEP SEAL TRAPS - ANTI-VAC
32mm WASTE TO WASH HAND BASIN & BATH, SINK AND WASHING MACHINE 40mm DIA
ALL WASTE PIPES TO BE SECURELY CLIPPED TO WALLS AND FALLS AND FITTED WITH
CLEANING EYES TO PROVIDE ROBBING ACCESS TO ENTIRE LENGTH.

PARTITION WALLS

TO COMPRISE 100mm STUD WALLS HAVING 75x100mm SOLE PLATE LAID ON EDGE
50x75mm HEAD AND 50x75mm VERTICAL STUDS AT 400mm CENTRES WITH
NOGGINGS AT MID HEIGHT AND ABOVE DOORS, 9.5mm PLASTERBOARD OVER
ON BOTH SIDES WITH FIBREGLASS INSULATION 100mm THICK PACKED BETWEEN
ALL JOINTS TIAED AND 3.0mm PLASTER SKIM FINISH.

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SITE PREPARATION

THE EXISTING EXTENSION TO BE CAREFULLY DETTOLISHED - PARTY WALL TO REMAIN, EXISTING FOUNDATIONS TO BE REMOVED TO EXTENSION AND SERVICES CAPPED OFF TO APPROPRIATE AUTHORITY'S REGULATIONS. REDUNDANT DRAINS TO BE REMOVED AND END OF RUNS CAPPED OFF. ENSURE HOUSE REMAINS SECURE DURING WORK. COMPLY WITH LATEST HSE REGULATIONS AND APPROVED CODE OF PRACTICE AS WORK PROCEEDS.

FOUNDATIONS

THE FOLLOWING SPECIFICATION ASSUMES NORMAL GROUND CONDITIONS AND IS SUBJECT TO THE APPROVAL AND REQUIREMENTS OF THE LOCAL AUTHORITY BUILDING INSPECTOR AT THE TIME OF EXCAVATION.
N.B. ANY SOFT SPOTS OR FILLINGS TO FORMER WELLS, SOAKAWAYS OR OBSTRUCTIONS ETC TO BE CONSOLIDATED TO L.A. APPROVAL INCLUDING REINFORCING SUB-STRUCTURE CONCRETE AS APPROPRIATE.
ALL FOUNDATION CONCRETE TO BE POURED IN AN APPROVED TRENCH FOUNDATION MINIMUM OF 0.750m DEEP OR 1.000m DEEP IF SHAKKABLE CLAY SUB SOIL FOUND.
ALL STA GEN 3 MIX, 700mm WIDE x 230mm DEEP TO NEW CAVITY WALLS.
ANY DRAINS OR SERVICES ENCOUNTERED DURING EXCAVATIONS TO BE DIVERTED AND PROTECTED TO THE APPROPRIATE AUTHORITY'S REGULATIONS.

SUBSTRUCTURE WALLS

SUBSTRUCTURE WALLS TO COMPRISE THERMALITE 300mm TRENCH BLOCKS (7.0N/mm³) FROM FOUNDATION LEVEL TO 225mm BELOW D.A.C. LEVEL. CHANGE TO F.L. DESIGNATION FACING BRICK/100mm SHIELD BLOCK FOR FINAL 225mm.
ALL SUBSTRUCTURE BRICKWORK AND BLOCKWORK TO BE CEMENT MORTAR IN ACCORDANCE WITH B.S. 5628 PT1 1978 AND MANUFACTURES INSTRUCTIONS 1:3 CEMENT SAND.

DAMP PROOF COURSE

ALL NEW EXTERNAL WALLS TO HAVE RUBBEROID 'HYLOD' OR VISQUEEN D.A.C. IN BED JOINT LEVEL TO BE MIN 150mm ABOVE ADJACENT GROUND/PAVING LEVELS.

LEAD FLASHING & CONSTRUCTION JOINTS

CODE 4 LEAD FLASHING TO BE PROVIDED TO ROOF/BRICKWORK ABUTEMENTS.
NEW WALLS TO BE BONDED TO EXISTING WITH PURFAX CERTIFY CONSTRUCTION JOINT FORMERS IN STAINLESS STEEL TO B.S. 1449 PT2 1983 AS APPROPRIATE.
PROFILES TO BE FIXED IN ACCORDANCE WITH MANUFACTURES INSTRUCTIONS.

SUPRASTRUCTURE CAVITY WALLS - TO MEET U'VALUE OF 0.30 W/M²°C

300mm CAVITY WALL TO COMPRISE 100mm FACING BRICK OUTER SKIN WITH 100mm DUXAK SUPABLOCK TOP/LITE GTI BLOCK/DAK.
100mm CAVITY WITH 50mm KINGSFAN KOOLTEARM KB CAVITY BOARD CFC/HEPC FREE RIGID BOARD INSULATION WITH FOIL FACINGS TO ES ENISO 90001, 2000 APPLIED IN ACCORDANCE WITH MANUFACTURES WRITTEN INSTRUCTIONS, CAVITIES TO BE CLOSED AT TOP AND CLOSED TO FORM REVEALS OF DOORWAYS/WINDOWS WITH 100mm DUXAK BLOCKS. ALTERNATIVELY FILL CAVITY WITH 100mm ROCKWOOL INSULATION.
DAMCOR INSULATED VERTICAL D.A.C. BEHIND OUTER LEAF, AT CLOSURE TO ENSURE PATH THROUGH REVEAL DOES NOT EXCEED 1.2 W/M²°C D.A.C. TO FORM EFFECTIVE BARRIER AT REVEALS, CHILL AND CLOSURES.
LEAVES OF CAVITY TO BE TIED TOGETHER AS WORK PROCEEDS WITH STOUT STAINLESS STEEL TWIST TIES BUILT IN AT 900mm CENTRES HORIZONTALLY AND 450mm CENTRES VERTICALLY, REDUCE TO 225mm CENTRES VERTICALLY AT OPENING REVEALS.
MORTAR TO BE IN ACCORDANCE WITH MANUFACTURES INSTRUCTIONS AND TO BS5628 PT1 1978 GENERALLY 1:1.6 CEMENT/LIME/SAND. CAVITY TRAYS TO BE OVER LINTELS PURFAX JOINT FORMERS TO NEW/EXISTING WALL JOINT INSTALLED TO MANUFACTURES PRINTED INSTRUCTIONS.

NEW FLOOR TO MEET U'VALUE OF 0.22 W/M²°C

ENSURE FINISHED LEVEL OF NEW FLOOR LINES THROUGH WITH EXISTING FLOOR 50mm 1:3 CEMENT/SAND SCREED, TO RECEIVE FLOORING OVER. TROWELLED SMOOTH 100mm OVERSITE CONCRETE, STA STANDARD MIX, 125mm JTB/LITE 3D GRADE FLOOR INSULATION TURNED UP TO FLOOR LEVEL AT WALL ABUTEMENTS ON EXTERNAL WALLS 1200g (300 MICRONS) POLYTHENE MEMBRANE TURNED UP TO D.A.C. LEVEL AT WALL ABUTEMENTS AND 50mm INTO D.A.C. BED JOINT, JOINTS TO LAP MIN 450mm. 50mm SAND BLINDING TO RELIEVE MEMBRANE ON MIN 150mm CLEAN WELL CONSOLIDATED HARDWARE MAX 600mm DEEP IN LAYERS NOT EXCEEDING 150mm.

RAIN WATER GOODS AND STORM DRAINAGE

GUTTER AND DOWNPIPES TO BE UPVC FIXED ACCORDANCE WITH MANUFACTURES PRINTED INSTRUCTIONS. TO ALL INCLUDE ALL BRACKETS, STOP ENDS, OUTLETS, ANGLES & OFFSETS. TO DISCHARGE INTO 80mm UPVC DRAIN PIPES TO FALL 1:60 INTO SOAKAWAY MINIMUM 5.000m FROM ANY BUILDING.

ROOF VENTILATION

TO COMPRISE PERMANENT ROOF VENTILATION TO ROOF VOID. EQUIVALENT TO 10mm WIDE TO FULL LENGTH OF EAVES AS MANUFACTURED BY GLIDEVALE REF FV250 PASCIA VENTILATOR WITH RV635 RAFTER VENTILATOR, & RIDGE VENTILATORS. ALL VENTS TO BE INSECT AND VERMIN PROOF.

ROOF COVERINGS AND ROOF STRUCTURE TO MEET U'VALUE 0.16 W/M²°C

ROOF TILING TO EXTENSION TO BE SANDTERT 20/20 PLAIN CLAY TILES. ALL TILING TO BE FIXED IN ACCORDANCE WITH MANUFACTURES PRINTED INSTRUCTIONS AND HAVING REGARD FOR WIND SPEED, EXPOSURE RATINGS AS DERIVED IN CP2 CHAPTER II PART 2 1972. ROOF MATERIALS TO INCLUDE ALL EAVES, RIDGES AND FLASHINGS. TILES TO BE LAID AND FIXED TO TREATED SOFTWOOD GABLED TILING LATHS. ALL NAILS TO RAFTERS, THROUGH AND OVER TYVEK SARKING FELT, VAPOUR PERMEABLE. ALL JOINTS TO LAP MINIMUM 150mm AND CARRIED DOWN INTO GUTTERS. RAFTERS 150x50mm @ 450mm CENTRES. CEILING TIES 100mm x 50mm. VERTICAL TIES 100mm x 50mm.

ROOF INSULATION

TO COMPRISE 250mm CROWN '75' QUILT OR SIMILAR LAID IN TWO LAYERS. 1ST LAYER BETWEEN CEILING TIES WITH SECOND LAYER CROSS LAYED AND TUCKED WELL INTO EAVES. AVOID BLOCKING AIR FLOW, SEE ROOF VENTILATION.

WINDOWS TO GIVE U'VALUE OF 1.8 W/M²°K

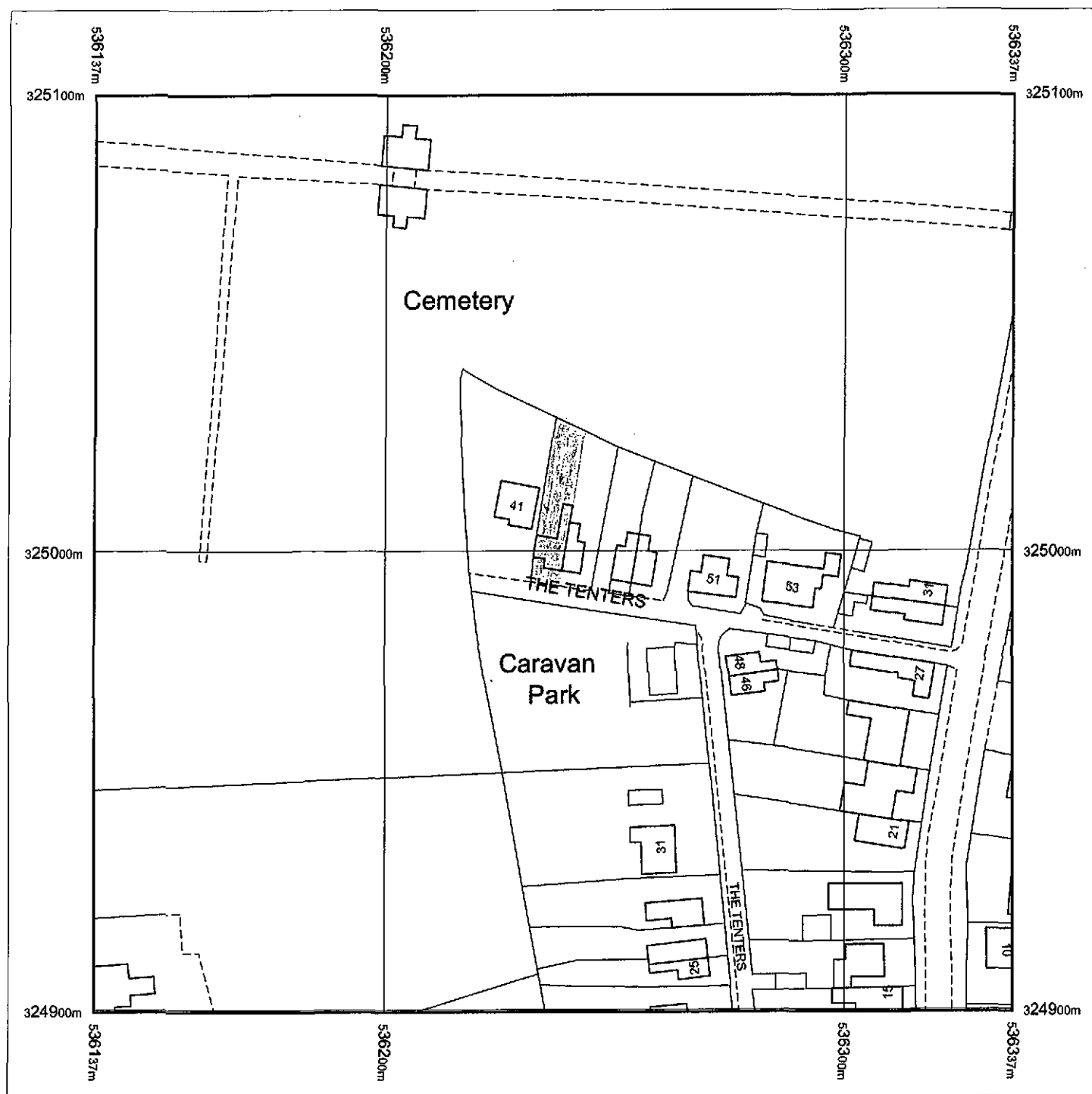
WINDOWS TO BE WHITE UPVC PURPOSE MADE, DOUBLE GLAZED UNITS TO HAVE 16mm AIR GAP WITH LOW E' GLASS TO BE E_n = 0.5 OR ALTERNATIVELY E_n 0.1 AND ARGON FILLED UNITS. INCORPORATE 8000mm² TRICKLE VENTILATORS AT WINDOW HEAD. ALL FITTED AND INSTALLED TO MANUFACTURES INSTRUCTIONS.
EXTERNAL DOOR TO HAVE LOW LEVEL THRESHOLD MAXIMUM 13mm HIGH FOR LEVEL ACCESS.

LINTELS

I.G. INSULATED STEEL LINTELS TO ALL EXTERNAL OPENINGS.
LI/Hd 100 TO CAVITY WALLS.

CEILINGS

TO COMPRISE 12.5mm PLASTERBOARD + 3.0mm SKIM OR ARTEX FINISH DUPLEX FOIL BACKED THROUGHOUT. ALL JOINTS TAPED.



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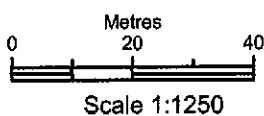
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