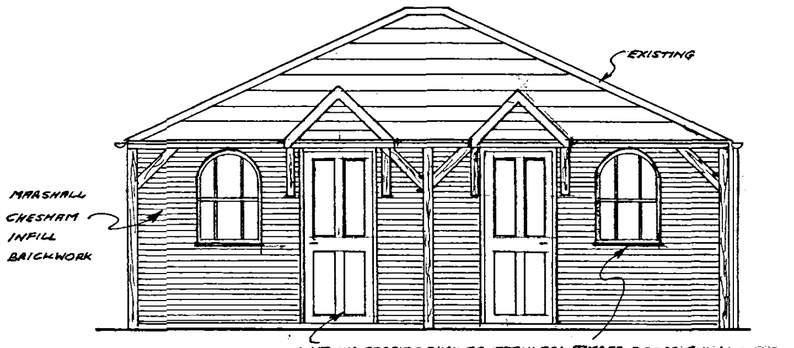
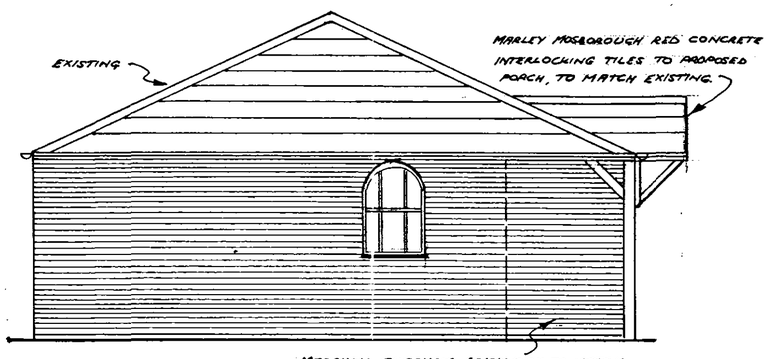
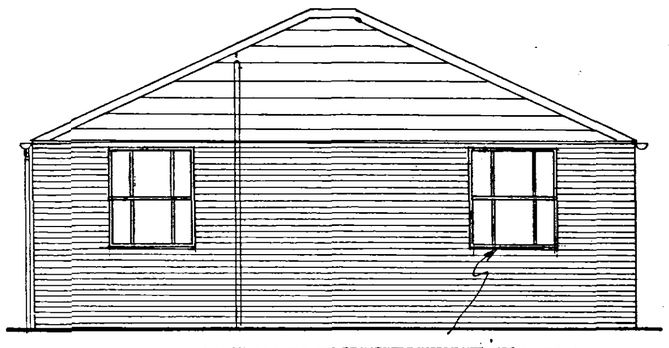


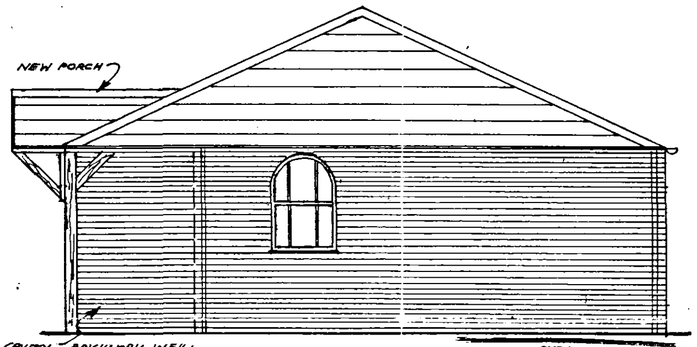
WEST ELEVATION



NORTH ELEVATION

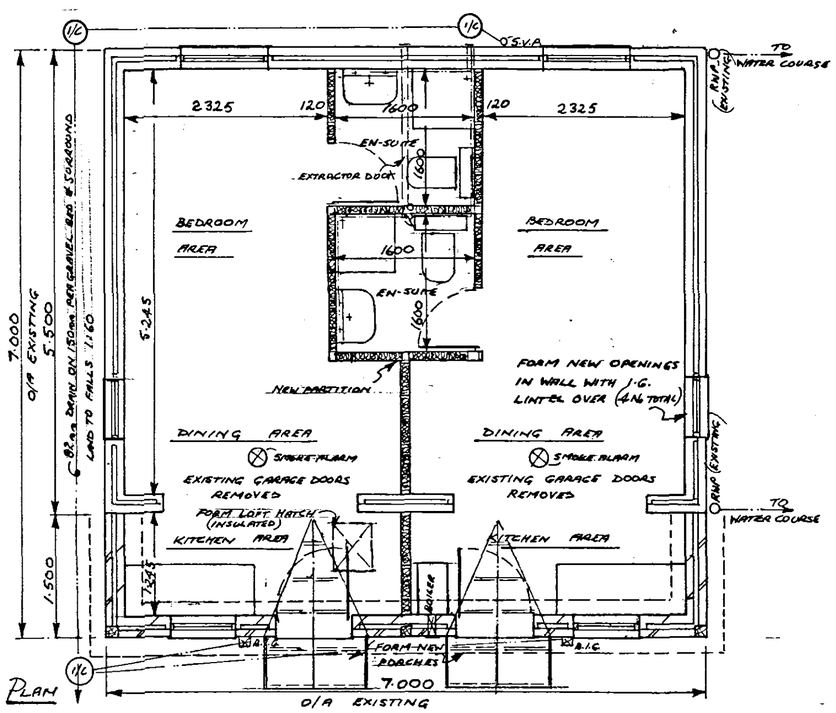


EAST ELEVATION



SOUTH ELEVATION

SHDC
Planning & Development
25 MAY 2004
Ref: 0702/04



PLAN

WASTE PLUMBING AND FOUL DRAINAGE

TO BE OSMA OR SIMILAR SYSTEM. FITTED IN ACCORDANCE WITH MANUFACTURERS PRINTED INSTRUCTIONS AND TO COMPLY WITH PART H1 OF THE BUILDING REGULATIONS 1991 INCLUDING PASSING OF ALL PRESCRIBED TESTS. EXTENDED DRAINS TO BE CONNECTED INTO EXISTING SYSTEM - KLARGESTER TREATMENT PLANT WITH ADDITIONAL PUMP POSITIONED AND FITTED TO MANUFACTURERS RECOMMENDATIONS.
NEW 110mm S.V.P. TO TERMINATE MIN 900mm ABOVE WINDOW HEADS.

ALL APPLIANCES TO BE FITTED WITH 75mm DEEP SEAL ANTI-VAC TRAPS, WASTE SIZES AS FOLLOWS: BASIN 32mm DIA, SHOWER 40mm DIA
ALL WASTE PIPES SECURELY CLIPPED TO WALLS @ TO FALLS AND FITTED WITH CLEANING EYES TO PROVIDE RODDING ACCESS TO ENTIRE LENGTH.

NO NEW RAINWATER DRAINS REQUIRED.

LINTELS

J.G. L1/HD 50 INSULATED STEEL LINTELS OVER NEW OPENINGS TO WINDOWS/DOORS IN CAVITY WALLS. HAVING MINIMUM 150mm END BEARINGS AND FIXED IN ACCORDANCE WITH MANUFACTURERS INSTRUCTIONS.

WINDOWS TO GIVE 'U' VALUE OF 2.0 W/m²°C

WINDOWS TO BE JOHN CARR OR SIMILAR STANDARD CASEMENT TO MATCH EXISTING. DOUBLE GLAZED WITH 16mm AIR GAP AND LOW 'E' GLASS. OPENING WINDOWS TO PROVIDE MINIMUM 5% OF FLOOR AREA. SAFETY GLAZING. LAMINATED/TOUGHENED TO DOOR.
INCORPORATE 6000mm² TRICKLE VENTILATORS AT WINDOW HEAD.

WATER SUPPLY

- COLD SUPPLY FROM EXISTING DWELLING.

HEATING

NEW COMBINATION BOILER FOR CENTRAL HEATING & HOT WATER SUPPLY SEDBUK 'A' RATED.

CAVITY WALL - TO MEET 'U' VALUE OF 0.35 W/M²°C

ALL TO BE FILLED WITH 'SUPER FILL' BLOWN ROCK FIBRE INSULATION TO AGREMENT CERT No 86/1669 BY PILKINGTON INSULATION LTD.

ROOF CONSTRUCTION - TO MEET 'U' VALUE 0.25 W/M²°C

UPGRADE WITH 250mm FIBRE GLASS CROWN '75' OR SIMILAR CROSS LAID IN TWO LAYERS
AVOID BLOCKING AIR FLOW AT EAVES LEVEL.

PORCH ROOF CONSTRUCTION

MARLEY MOSBOROUGH RED CONCRETE INTERLOCKING TILES TO MATCH EXISTING.
FIXED IN ACCORDANCE WITH MANUFACTURE INSTRUCTIONS.
100x50mm RAFTERS @ 450mm CENTRES

TILES TO BE LAID AND FIXED TO TREATED SOFTWOOD TILING LATHS. ALL NAILED TO RAFTERS THROUGH AND OVER DU PONT TYVEK 'PRO' CONSTRUCTION MEMBRANE TO BS5534 PART 1 1997
ALL JOINTS TO LAP MINIMUM 150mm AND CARRIED DOWN ONTO RAINWATER SYSTEM.

ELECTRICAL INSTALLATION

EXTRACTION FAN TO EACH EN-SUITE TO 15 LITRES/SEC AND 3 No AIR CHANGES PER HOUR OPERATED INTERMITTENTLY WITH 15 MINUTE OVERRUN. SMOKE ALARMS - 2 No SELF CONTAINED AND WIRED BACK TO DEDICATED FUSE ON CONSUMER UNIT. LIGHTING AND SOCKETS AS REQUIRED ALL EXTENDED FROM EXISTING INSTALLATION. ALL IN ACCORDANCE WITH LATEST REGULATIONS, BYELAWS ETC. OF THE INSTITUTE OF ELECTRICAL ENGINEERS AND THE ELECTRICITY BOARD.

WALL CONSTRUCTION

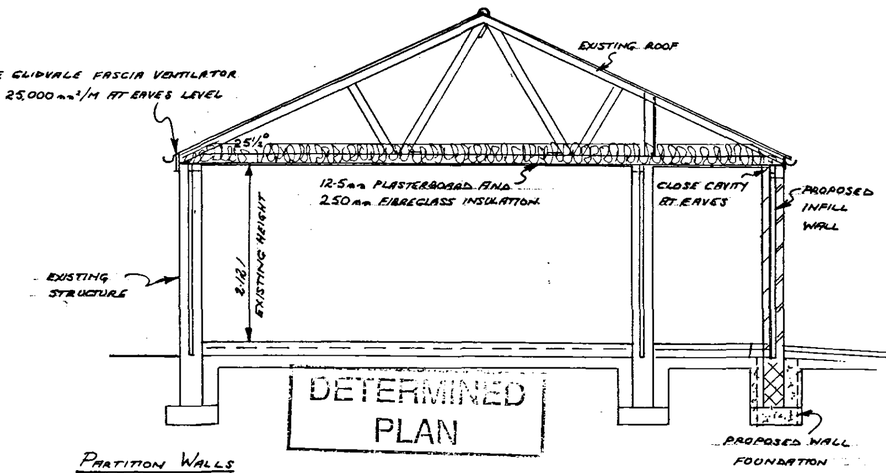
102.5mm RECLAIM BRICKWORK OR MARSHALL CHESHAM TO MATCH EXISTING BUILDING.
50mm CAVITY AND 100mm THERMALITE INNER LEAF. DAMP PROOF COURSE TO BE RUBEROID 'HYLOAD' OR SIMILAR, 150mm ABOVE ADJACENT GROUND LEVEL. MORTAR TO BE IN ACCORDANCE WITH B.S. 5628 PT1 1978 AND MANUFACTURERS INSTRUCTIONS. 1:1:6 CEMENT/LIME/SAND.

FOUNDATION

ASSUMES NORMAL GROUND CONDITIONS AND SUBJECT TO APPROVAL BY BUILDING INSPECTOR AT TIME OF EXCAVATION.
ALL FOUNDATION CONCRETE TO BE POURED IN AN APPROVED TRENCH MINIMUM 750mm DEEP (1000mm DEEP IF SHRINKABLE CLAY) FOUNDATION ADJACENT TO WATERCOURSE TO BE SAME DEPTH AS EXISTING, AND STEP UP TO NORMAL DEPTH.
STRIP FOUNDATION TO BE 600x225mm. ALL ST4 GEN 3 MIX.

SUBSTRUCTURE WALL

THERMALITE 255mm TRENCH BLOCKS (7.0N/mm²) FROM FOUNDATION LEVEL TO 225mm BELOW D.P.C. LEVEL. CHANGE TO F.L. DESIGNATION FACING BRICK/100mm SHIELD BLOCK FOR FINAL 225mm. ALL SUBSTRUCTURE BRICK/BLOCKWORK TO BE IN CEMENT MORTAR TO B.S. 5628 PT1 1978. 1:3 CEMENT SAND.



DETERMINED
PLAN

PARTITION WALLS

TIMBER STUD CONSTRUCTION 75x100 SOLE PLATE LAID ON EDGE, 44x75mm HEAD AND 44x75mm VERTICAL STUDS AT 600mm CENTRES WITH NOGGINGS AT MID HEIGHT AND ABOVE DOORS.
FACE WITH TWO LAYERS OF 12.5mm LAFARGE STANDARD WALL BOARD BOTH SIDES. ALL JOINTS TAPED WITH 3.0mm PLASTER SKIM FINISH. ROCKWOOL 67mm ACOUSTIC SLAB BETWEEN STUDS, CUT TO 590mm WIDTHS AND FRICTION FIT. ENSURE ALL JOINTS ARE TIGHTLY ABUTTED. AVOID CHASING INSULATION FOR SCREWS.
ACOUSTIC SLAB CONFORMS TO BS 3958 PTS 1986.

ALTERATIONS TO EXISTING DOUBLE GARAGE TO FORM SELF CATERING ACCOMMODATION

5, SILT SIDE, GOSBERTON RISEGATE, SPALDING, LINCS PE11 4ET

FOR MS S. BARTRUM

DATE: MAY 04 SCALE 1:50 BY Mark Rayner