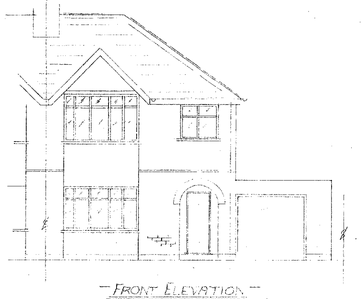
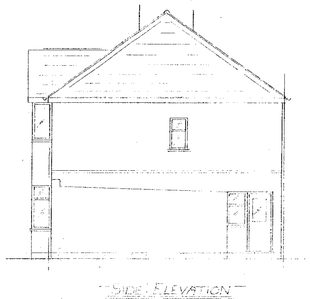
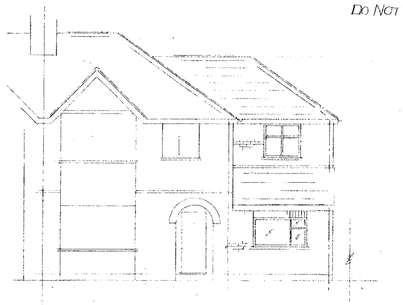
DO NOT THINK - ASK

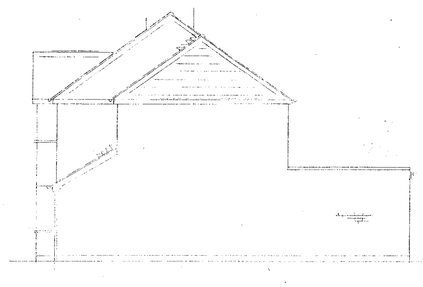


FRONT ELEVATION

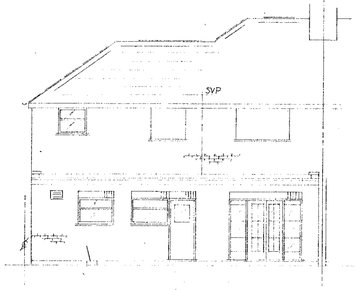


SIDE ELEVATION





PROPOSED FRONT SIDE & REAR ELEVATIONS



VENTILATION :
HABITABLE ROOMS - 8000 Sq mm ADJUSTABLE VENTILATOR. KITCHEN - 4000 Sq mm MEN. VENT^n & 60 L/SEC MIN. EXTRACT FAN OR 30 L/SEC MIN IF VIA COOKER HOOD. TOILETS - 15 L/SEC MIN EXTRACT FANS WITH 15 MIN. OVER RIDE.

HEATING :
RADIATORS WITH THERMOSTATIC VALVES.

DRAINAGE :
100 DIA. UPVC PIPE LAID 1:90 SLOPE IN 100 TK PEA SHINGLE SURROUND. DOUBLE SEAL SCREW DOWN COVER & FRAME RECP FOR INTERNAL MANHOLE. SOAKAWAY - 1m CUBE FILLED WITH CLEAN HARDCORE WITH 450 MIN. COVER OVER 1200 G DPC. 75 DIA UPVC PIPES LAID 1:90 SLOPE IN 100 TK. PEA SHINGLE. TO BE 5M MIN. FROM BUILDINGS.

CALCULATIONS :

KITCHEN LINTOL - SPAN = 3.020 KN

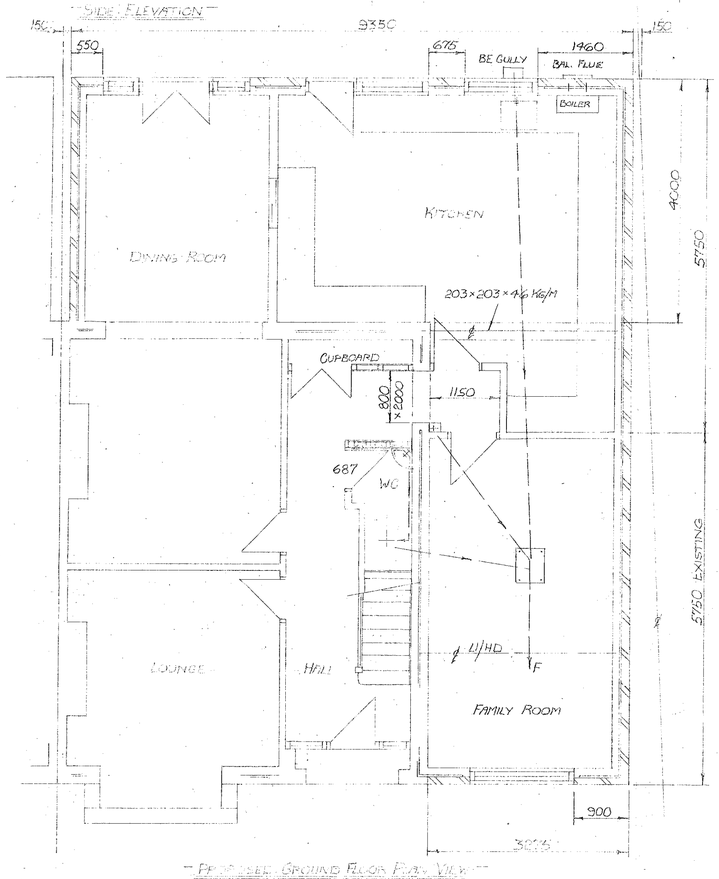
LOADS -
WALL = 3.020 × 2.600 - (0.9 × 0.9) × 2.75 KN/m² = 19.37
CEILING = 3.020 × 3.745 × 0.5 × (0.25 KN/m² + 1.5 Kg/m²) ≈ 2.26
MAIN ROOF = 3.020 × 4.00 × 0.59 × (1.50 KN/m² + 1.75 Kg/m²) = 10.70
FLAT ROOF = 3.020 × 3.745 × 0.5 × (0.75 Kg/m² + 1.75 Kg/m²) ≈ 8.49
∴ TOTAL = 40.82 KN. CONSIDER 203 × 203 × 46 KGM GD 43 UNIVERSAL.

∴ $\frac{D}{T}$ = 18.5 $\frac{L}{ry} = \frac{302}{5.11} = 60$ ∴ P_c = 165 N/mm² Max.

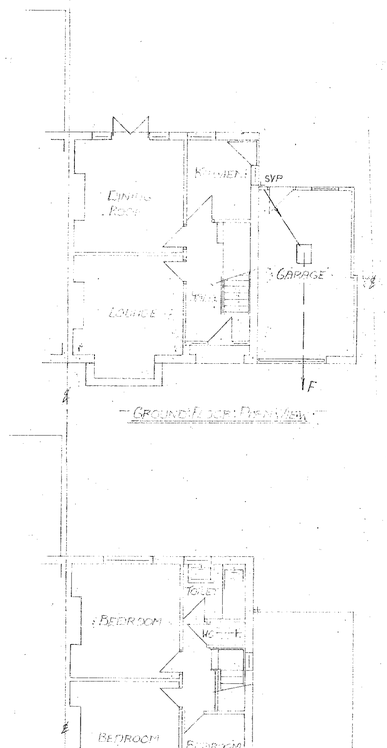
∴ DEFN = 1.53 & STRESS = 34.4 N/mm² 100 MIN END BEARING.

DENSE CON^n PADSTONES - 1 - 200 × 200 × 150 TK = 0.5 N/mm²
1 - 100 × 900 " " " "

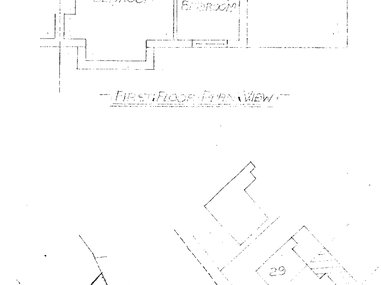
CLAD 9 TK 'SUPALUX' & SECURE TO TABLE 38.



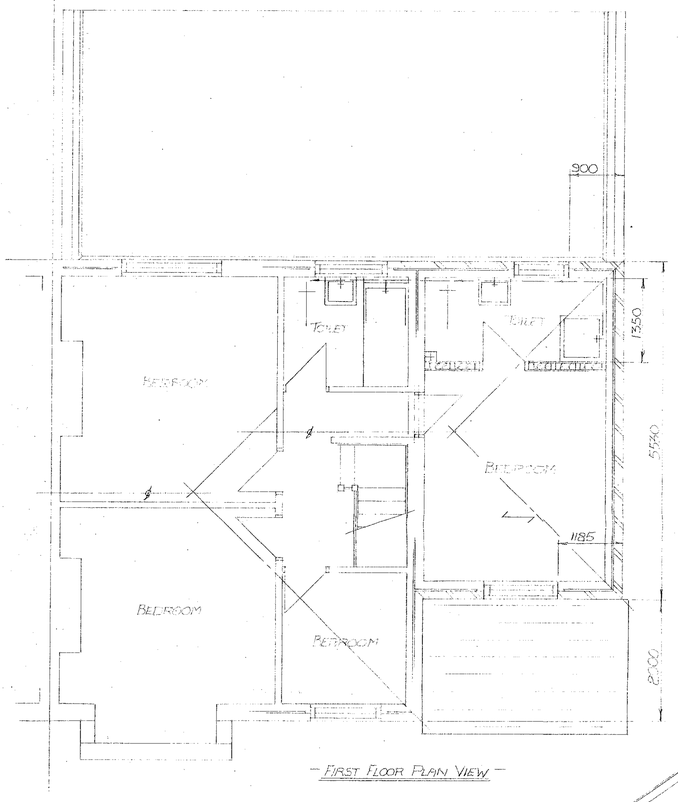
PROPOSED GROUND FLOOR PLAN VIEW



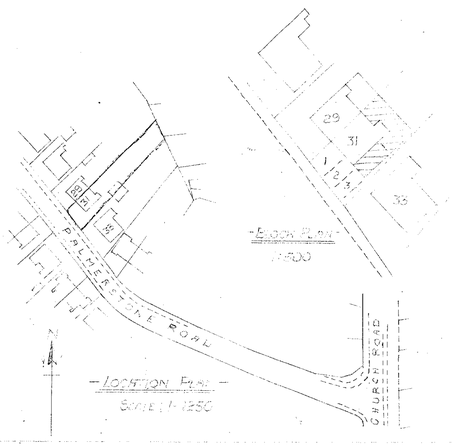
GROUND FLOOR PLAN VIEW



FIRST FLOOR PLAN VIEW



FIRST FLOOR PLAN VIEW



LOCATION PLAN
SCALE 1:1250

GENERAL NOTES :

ALL WORKS MUST COMPLY WITH THE REQUIRMENTS OF THE BUILDING REGULATIONS & ALL RELEVANT CODES OF PRACTICE

ALL GIVEN DETAILS MUST BE SITE CHECKED FOR ACCURACY BEFORE THE COMMENCMENT OF ANY WORKS. ALL STRUCTURAL TIMBER TO BE SC3 GD. MIN.

FOUNDATIONS :
TO SUIT SITE CONDITIONS & LOCAL AUTHORITY REQUIREMENTS. ANY EXISTING TO BE CHECKED FOR HEDGEHOG. - TO BE CONCRETE 30N/mm² MIN. (1:2:4) 600 × 250 MIN TK AT 1000 DEPTH. BOUNDARY FOOTING TO BE TRENCH FILLED.

FLOORS :
GROUND FLOOR - 60 TK SHARP SAND SCREED ON 100 MIN TK CONCRETE SLABS ON 500 G DPC ON 38 TK 'POLYFOAM' PLUS 600 FLOORBOARD ON 1200 G DPC WRAPPED INTO WALLS ON 150 TK CLEAN, WELL CONSOLIDATED HARD CORE BUNDED WITH 50 TK SHARP SAND
FIRST FLOOR - 18 TK T & G FLOORING GD CHIPBOARD ON 50 × 175 JOISTS AT 400 MAX. CTS.

CEILINGS :
~~GARAGE - 6 TK 'MASTERBOARD'~~ SOFFITS - 6 TK 'MASTERCOLE' HOUSE - 12 TK FOILBACK PLASTERBOARD WITH TAPED JOINTS & 'ARTEX' FINISH.

WALLS : INSULATE CAVITY WALLS TO 0.45 Wm²°C MIN.
~~GARAGE - 215 TK BRICKWORK TO MATCH EXISTING & TOOTHED IN TO ALL COURSES WITH 450 × 340 TK PIER.~~ HOUSE - 215 TK CAVITY WALL WITH 50 CAV FILLED WITH ROCKWOOL' CAVITY INSH & 100 TK 'THERMALITE' BLOCK INNER SKIN, 12 TK GYPSUM PLASTER FINISH & SKIRTING AS EXISTING. GALV WALL TIES 900 CTS. HORIZY, 450 CTS VERTY & 300 CTS VERTY AT OPENINGS. DPCS TO BE LEDKORE OR EQUAL. PARTITION WALLS - 100 TK CON^C BLOCKWK. STUDS 50 × 100 AT 400 MAX CTS. 50 × 100 SOLE, CILL & NOGGINS. CLAD BOTH SIDES 9 TK FOILBACK PLBD WITH FIBREGLASS INFILL

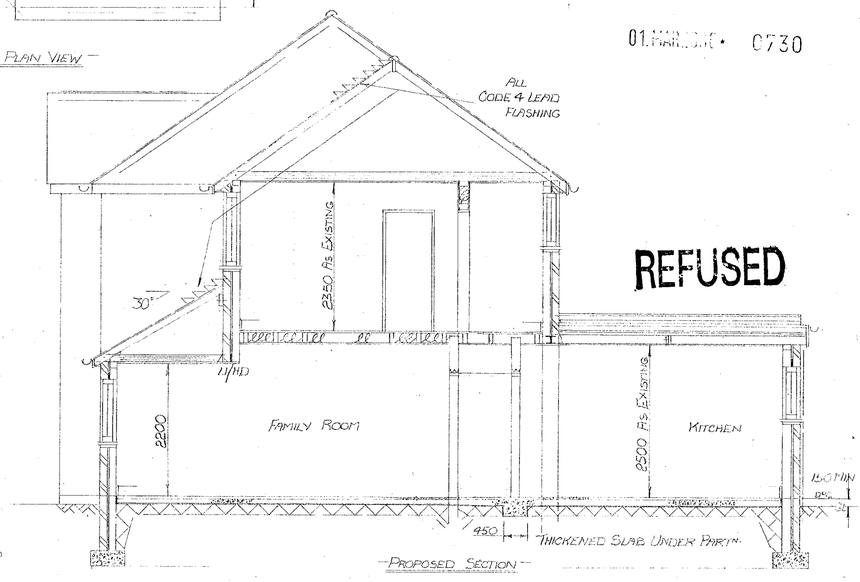
ROOF :
HOUSE - PLAIN CLAY TILES TO MATCH EXISTING ON 25 × 38 TANNALISED BATTENS ON REIN^F ROOFING FELT ON 50 × 150 SPARS & CEILING JOISTS AT 400 MAX CTS. 38 × 175 RIDGE, 50 × 200 HIP BOARDS. 50 × 100 WALL PLATES 25 TK FACIAS AS EXISTING. 25 × 50 KNOSING. CODE 4 LEAD FLASHINGS. GALV ST. TIES. 5 TK × 32 WIDE AT 2m MAX. CTS. 100 DIA. HALF RD GUTTERS & 65 DIA DOWNPIPES. LEANTO ROOF - AS HOUSE BUT 50 × 100 SPARS & JOISTS AT 400 MAX CTS
FLAT ROOF - 12 TK LAYER BITUMEN BEDDED STONE CHIPPINGS ON 1 LAYER 250 'ELASTOMERIC' ON 1 LAYER 180 'ELASTOMERIC' ON 1 LAYER 36 PERFORATED FELT ON 100 TK 'POLYURETHANE INS^N' ON 3 B FELT VAPOUR BARRIER ON 18 TK WBP PLY DECKING ON FIRRINGS ON 50 × 200 JOISTS AT 400 MAX CTS. WITH 'CATNIC' STRUTTING. DRESS FELT UNDER CON^C COPINGS & INTR WALL 150 MIN ABOVE ROOF. RESTRAINTS AS HOUSE ROOF GUTTERS, FASCIAS ETC AS HOUSE. HOUSE INS^N - 100 TK POLYURETHANE. WITH 50 MIN VENT^N GAPS INSIDE & 12 WIDE VENT^N GAPS AT FASCIAS, 2- VENT^N TILES REQ^D ON BOTH NEW ROOFS.

LINTOLS :
GALV ST IG TYPES L/H(D), 100 'J' TAPE CLOSERS UNDER COPINGS & REIN^F CON^C OVER DOOR OPENING & OVER PIPE OPENINGS THRO WALLS. 150 MIN. BRGS.

DOORS :
1200 WIDE FRENCH WINDOW WITH HARDWOOD CILL (2400 3/4) 1/762 × 1981 HT EXT^L GD WITH FRAME & HARDWOOD CILL. 1-762 × 1981 HT ~~FLUSH WITH FRAME & CLOSER~~. 1 PAIR CUPBD DOORS 1000^m/m × 1981 HT. 2-INT^L GD 762 × 1981 HT. 1-687 × 1981 HT INT^L GD. DOOR GLASS TO BS 6206 'B'.

WINDOWS : GLASS TO BS 6206 'C'
2-1200 × 1050 HT. 1-900 SQ OPAQUE 2-1200 × 900 HT. 1-1770 × 1050 HT.

TOILET & W.C :
TO BS 5572 (1978) LOW LEVEL FLUSH WCs WITH 100 DIA OUTLET (FL FL TO EXISTING W.C) 38 DIA. SHOWER & SINK & 32 DIA BASIN OUTLETS ALL DEEP SEAL TRAPS. H & C SUPPLIES REQ^D



PROPOSED SECTION

01 MAR 1999 0730

REFUSED

PROPOSED EXTENSION TO 31 PALMERSTONE ROAD, EARLEY, READING.

MR. N. SINGH.

SCALE : 1:50 & 100

SL 150/98

DRAWN : CHM 16-9-98 SEPT 98

MADDOX 15, KESWICK CLOSE, TILEHURST READING RG30 4SD. TEL : 0118 9615605

AM 99 NOV 98 JAN 98