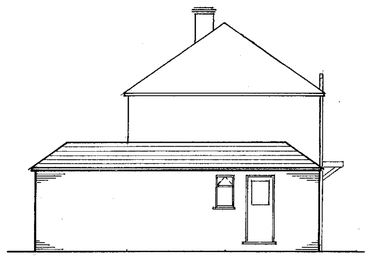
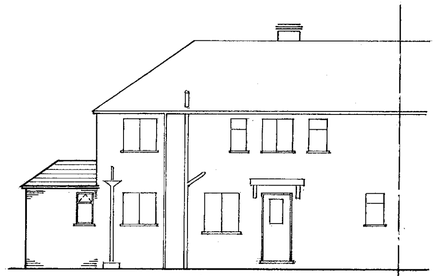
APPROVED



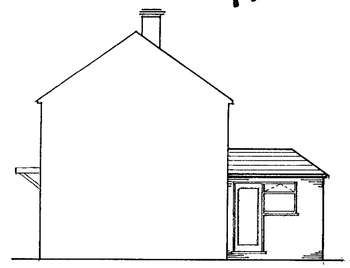
West Elevation



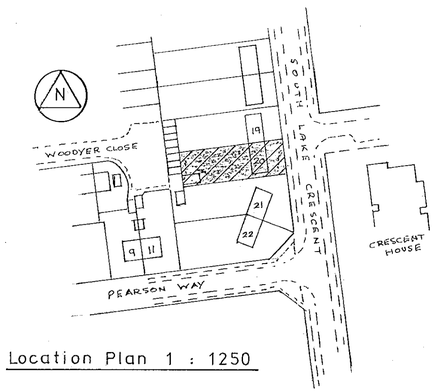
South Elevation



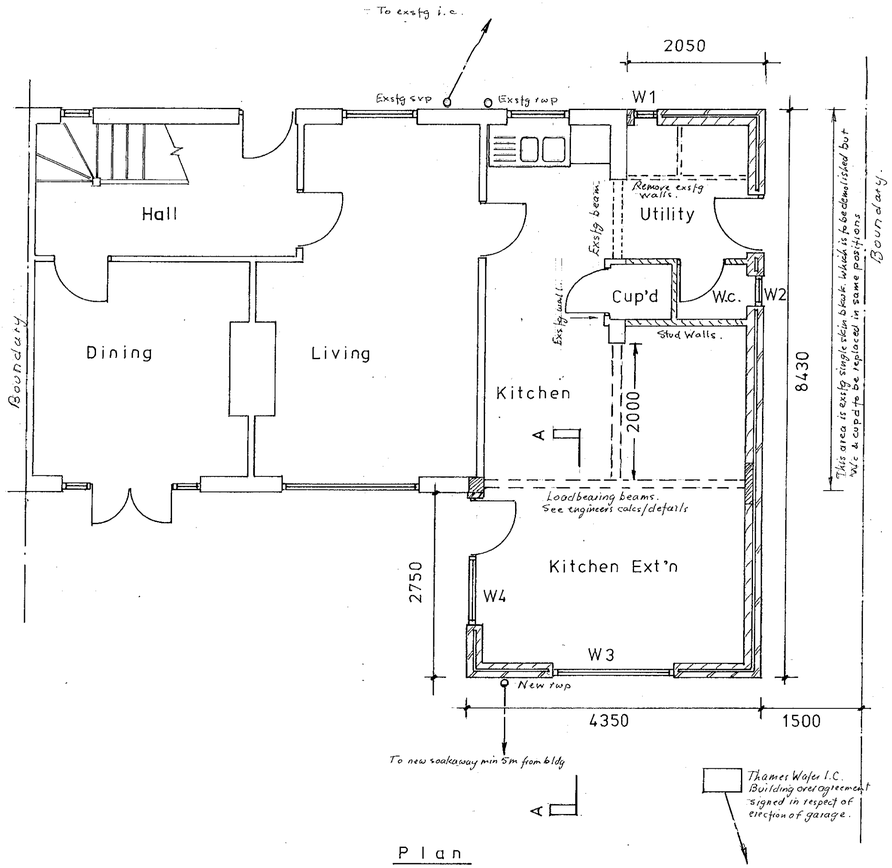
East Elevation



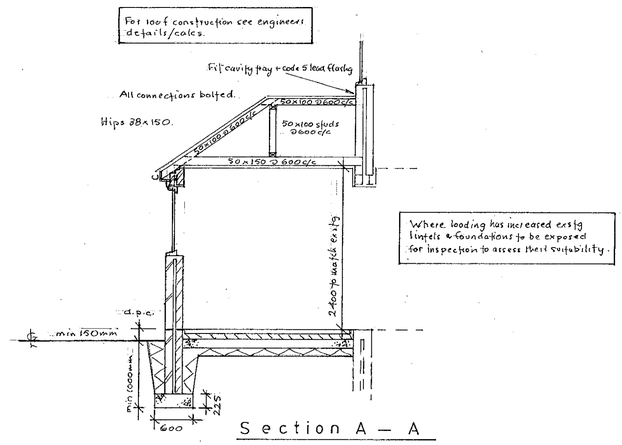
North Elevation



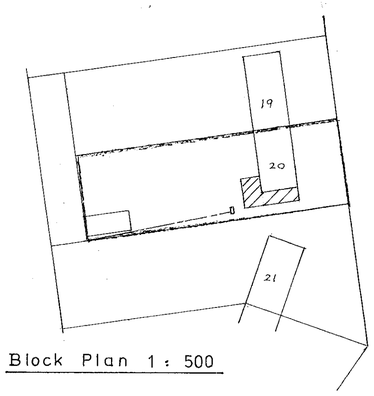
Location Plan 1 : 1250



Plan



Section A — A



Block Plan 1 : 500

10.MAR2000* 0892

Builder to check & verify all dimensions & levels before proceeding.

Roofing: Pitched - Tiles to match exstg, 25 x 38 sw battens, untearable felt on roofing as per engineer. Flat - 12.5 bit bonded chippings on 3 layer felt on 18 mm ply deck WBP grade on firings to fall on roofing a.b.d. Rafters/joists bearing on 50x100 wall plate bedded & stopped @ 1200 c/c using gms. vertical restraint anchors. Joists infilled with 200 mm thick Isowool 1000 insulation with ceiling of 12.7 duplex plasted. Fit eaves vents to ensure airflow over insulation. Fascia/soffit in upvc with ventilation to give equivalent of continuous 10 mm gap. Gutter 112 h/r to 68 ø d/pipe to new soakaway via 100 ø pipework bedded in peashingle & laid @ 1:60 gradient.

Windows Doors: D/glazed upvc const. with 6/12/6 glazing & fully weatherstripped. I.C. lintels over type h1/s having flexible d.p.c's & min 150 end bearings. Units with head ventilation to give min 4000 mm² airflow. Doors glazed in toughened glass to BS 6206. Wc window obscured glass. W1 - 400W x 900 H. W2 - 400W x 900 H. W3 - 1800W x 1000 H W4 - 1000W x 1000 H.

Ext. Walls: 102 facings to match exstg, 50 cavity, 100 Celcon Solar block, 13 lightwt plaster. Cavities infilled with 50 mm Isowool batts. St/steel wall ties 900 horiz 450 vert c/c staggered. Double up ties around reveals. Cavities closed with Thermobate 50 closers and at roof level closed above ext. soffit. New brick/block tied to exstg. using approved type metal wall plates.

Int. Walls: (To Wc & cup'd) 50x100 studs @ 400 c/c on 50x100 head/sole plates with 50x100 noggings faced both sides with 12.7 plasted. & infilled with approved insulation.

Grnd. Floor: 75 s/c screed on bldg. paper to BS 1521 grade B1F on Celotex floor insulation or approved 67 mm thick with Celotex perimeter edging to screed. 1200 g visqueen d.p.m. lapped into d.p.c. 150 mm ground bearing slab in 21N/mm² mix 100 mm well consolidated h/core.

Founds: 21 N/mm² conc. mix taken to requd. depth to suit sub-soil conditions all to Bldg. Insp. approval and to meet the requirements of the Bldg. Regs 1991 in all respects. Cavity fill to min 150 below d.p.c. Care taken to ensure no pressure or damage occurs to exstg. drainage and where within 1000 mm founds taken down to drain invert level.

Drainage: Sink waste 40 ø with 75 deep seal trap & combined overflow & connected to exstg s.v.p. Fit screw-on type access cover. Wc is in exstg pos'n & to be re-connected to exstg. chain. Drainage to be tested before covering up.

Ventilation: Mechanical vents as supplied by Airflow Ltd. H. Wycombe, Bucks. Kitchen fitted type CRG (79 litres/sec) Utility fitted type WFG (48 litres/sec) Wc fitted type MLFT (19 litres/sec). For light, door or pull switch operation and ducted to outside via 110 ø or 200 ø pipework terminating in wall grille.

Beams: As per engineers calcs/details encased in 12.7 fireline board.

PROPOSED SINGLE STOREY REAR/SIDE EXTENSION AT 20, SOUTH LAKE CRESCENT, WOODLEY, READING FOR MRS. L. EVANS.	
DRAWING No.	P/626/1
SCALE	1 : 100 & 1 : 50
DRAWN	R.F.H.
DATE	MAR '2000

APPROVED

3/4/00