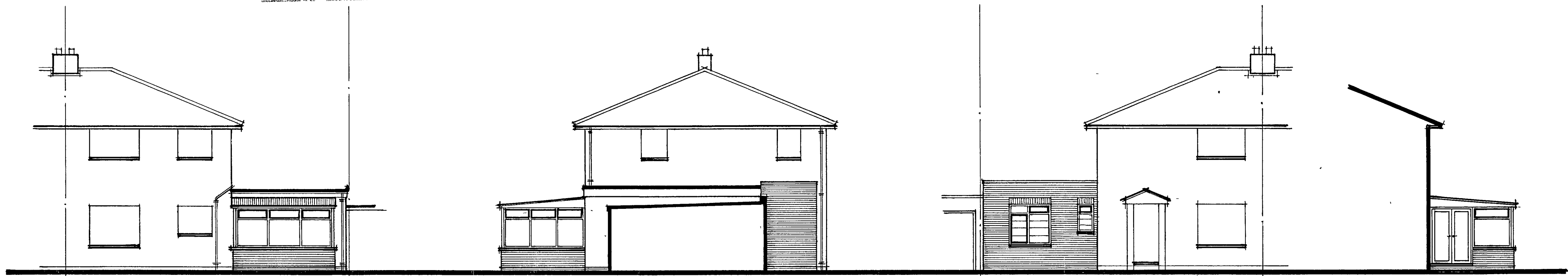


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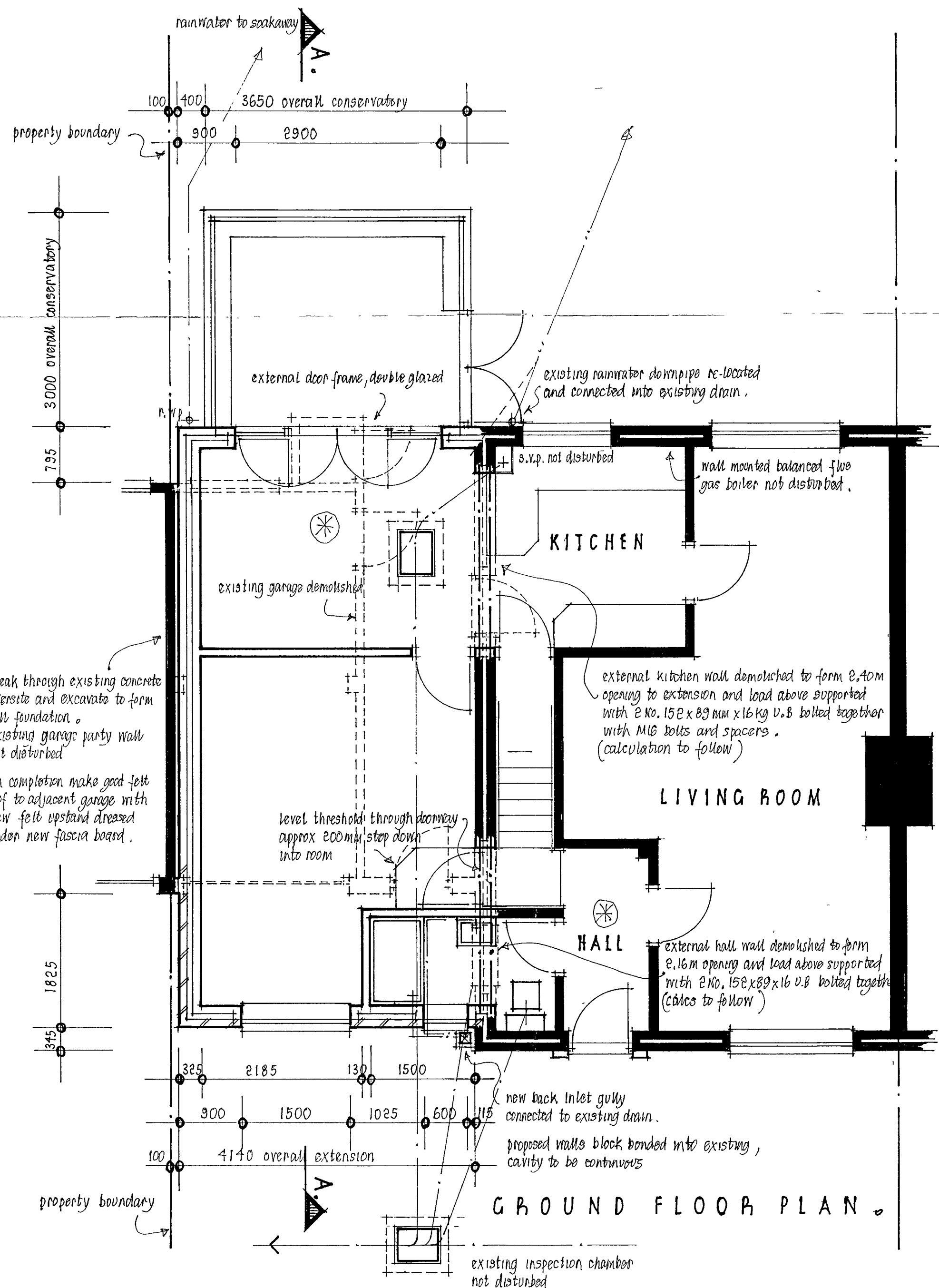


REAR ELEVATION . (WEST)

SIDE ELEVATION . (SOUTH)

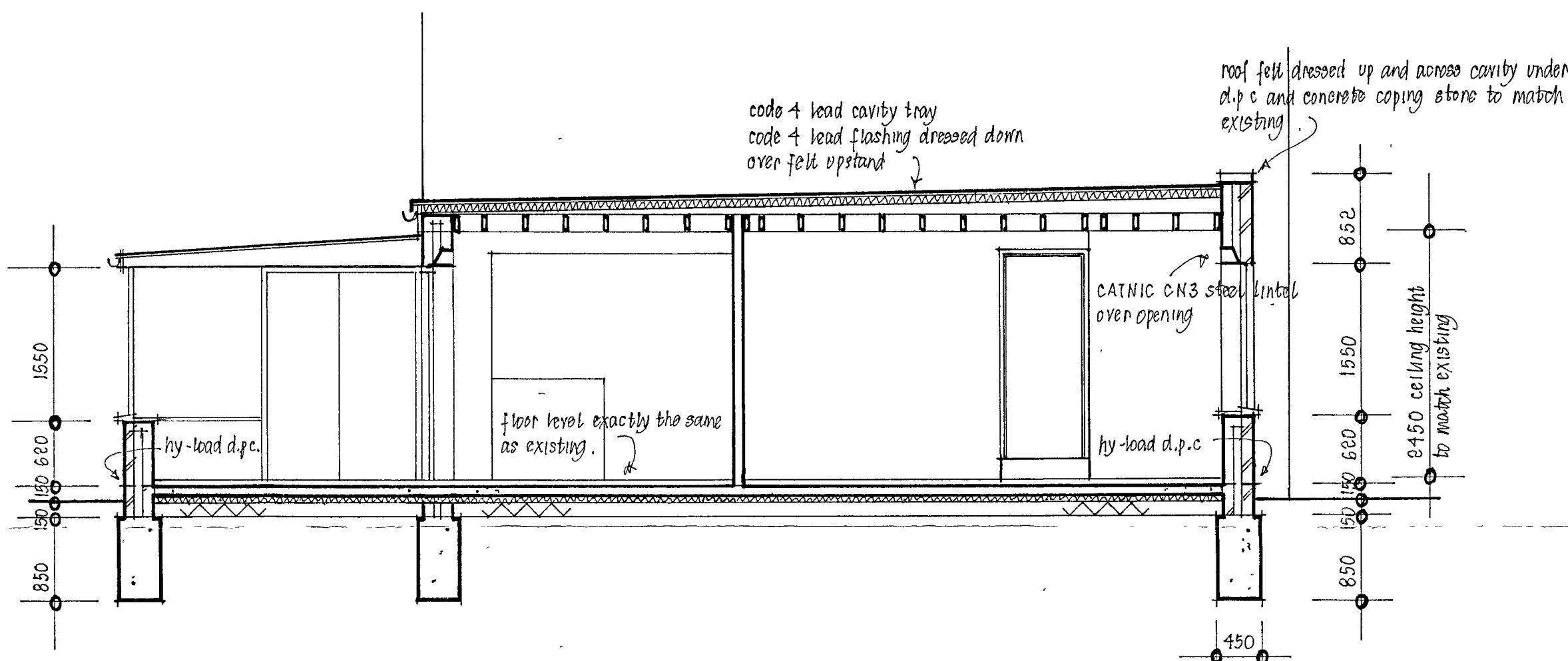
FRONT ELEVATION . (EAST)

SIDE ELEVATION . (NORTH)



GROUND FLOOR PLAN .

RAINWATER DRAINAGE .
100mm dia half round u.p.v.c gutter to 85mm dia u.p.v.c downpipe to 100mm dia u.p.v.c drainpipe bedded and surrounded in pea shingle to soakaway min. 5.00m away from any building.
new soakaway shall be 1.50m x 1.30m deep below pipe invert filled with clean broken brick hardcore, 1800g polythene, 75mm concrete and 225mm top soil.
[BRE digest 365 soakaway design, 1m³ rubble filled per 16-18m² roof area]
FOUL DRAINAGE (complying fully with EN18256)
40mm dia u.p.v.c waste pipe from shower and 32mm dia u.p.v.c waste pipe from wash hand basin both fitted with deep self sealing traps and access for cleaning at all changes of direction discharging directly into new back inlet gully.
existing underground drainage to be tested and repaired if necessary before work commences.
where drains pass under new wall, wall load supported off pipe with prestressed concrete lintel built in below ground.
inspection chamber now internal fitted with double seal screw down cover and frame.



SECTION A.A.

BLOCK PLAN .

SCALE . 1:500 .



LOCATION PLAN .

SCALE . 1:1250 .

BRIEF SPECIFICATION .

FLAT ROOF . (WARM ROOF)
shall be 3 layer felt to B.S. 747 laid in accordance with C.P. 144, 2 layers 18 kg/10m² and bituminous fibre based underlay 25 kg/10m², 13mm white mineral chippings finish bedded in hot bitumen.
95mm thick CELOTEX buff-R deck TD30302 insulated decking or similar approved on 150mm furring pieces at right angles to 50 x 170mm roof joists at 400mm c/c.

500g polythene vapour barrier and 9.5mm plasterboard and 3mm plaster finish ceiling. (U' value not less than 0.20 W/m²°C)
roof fixed to walls using 30 x 5mm mild steel anchor straps positioned at right angles to and fixed to not less than 4 joists at not more than 2.00m c/c built into walls.

ALL TIMBER USED IN PROJECT TO BE MIN C16 STRESS GRADED .

WALLS .
325mm total thickness cavity walls constructed of 115mm facing bricks type, colour and mortar to exactly match existing outer skin to front elevation and conservatory and 100mm CELCON insulation blockwork with 15mm thick two coat cement sand rendering textured to match main dwelling for the remaining wall, 95mm cavity with CELOTEX buff-R CW3045 insulation batts against inner skin leaving 50mm residual cavity between insulation and outer skin, 100mm CELCON insulation blockwork inner skin and 15mm thick two coat lightweight plaster finish. (U' value - 0.3 W/m²°C)
wall ties to B.S.1243 stainless steel twin triangle type with retaining discs provided at 750mm c/c horizontally and 150 vertically staggered. extra wall ties and THERMABATE cavity closers at all reveals.

INTERNAL PARTITIONS . (non load bearing)
100mm thick CELCON insulation blockwork built off oversite concrete with 15mm two coat lightweight plaster finish both sides.

FOUNDATIONS . (no adjacent trees affecting proposal)
shall be 1:3:6 concrete and shall not be less than 1.00m deep or as directed to suit site conditions.
semi engineering brick or class A concrete blocks used below ground.

GROUND FLOOR .
80mm cement sand screed left ready for approved floor finish on 100mm thick o.p.c. concrete oversite on 1000g polythene vapour barrier on 80mm CELOTEX buff-R insulation A30802 and CELOTEX upstands to prevent cold bridging on 1800g polythene d.p.m. well lapped into d.p.c. on min 150mm well bladed and consolidated broken brick hardcore. (U' value - 0.22 W/m²°C)
OVERSITE CONCRETE REINFORCED WITH A12 STEEL MESH REINFORCEMENT LOCALLY OVER DRAIN RUNS .

WINDOWS .
shall be white u.p.v.c frames, style to match existing, with opening portions not less than 1/20th of floor area of room being served.
windows fitted with trickle vents min 8000mm²
double glazing shall have min 16mm air gap and be Pilkington 'K' low E glass with U' value not more than 1.5 W/m²°C.
all glazing below 800mm to be toughened to B.S. 6806 A .

HEATING .
all new radiators fitted with (TRVs) thermostatic radiator valves .

ELECTRICS . (complying fully with B.S. 7671)
all new electrical work to meet the requirements of PART P (electrical safety) of Building Regulations and inspection and test certificate issued by competent person on completion .
ALL NEW LIGHT FITTINGS FITTED WITH LOW ENERGY LIGHT BULBS .

FIRE .
mains wired smoke detectors with battery back up complying with B.S. 5446 provided and fitted in position shown thus on plan .
at least one window opening within living room to be 450 x 850 (min 33m²) for means of escape in case of fire.
remaining new rooms have external doors .

all new steel beams painted with approved and certificated INTUMESCENT paint applied all as manufacturers instructions (min 1/2 hour fire resistance)

STRUCTURE .
all walls expected to support additional loads assumed to be load bearing with foundations under foundations exposed if necessary for inspection by L.A.

DRAWINGS TO BE READ TOGETHER WITH STRUCTURAL CALCULATIONS (calculations to follow, conditional approval)

ALL CONSTRUCTION DETAILS TO MEET THE NEW REQUIREMENT OF DOCUMENT L1 B OF BUILDING REGULATIONS .

ALL PROJECTS THAT EXCEED 30 DAYS CONSTRUCTION TIME TO BE NOTIFIED TO THE LOCAL HSE OFFICE ON FORM F10 TELE NO. 01787 881165 .

PROPOSED SIDE EXTENSION TO FORM LIVING ROOM, BREAKFAST ROOM, SHOWER ROOM AND CONSERVATORY. EXISTING GARAGE DEMOLISHED AT 4, THE MARLETS, RUSTINGTON

CLIENT, 01903 771943 P. AITHERTON ESQ, 4, THE MARLETS RUSTINGTON, W. SUSSEX BN16 2TY	date June 2006 . scale . 1:50 and 1:100 . DRAWING NUMBER 20606.1.
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