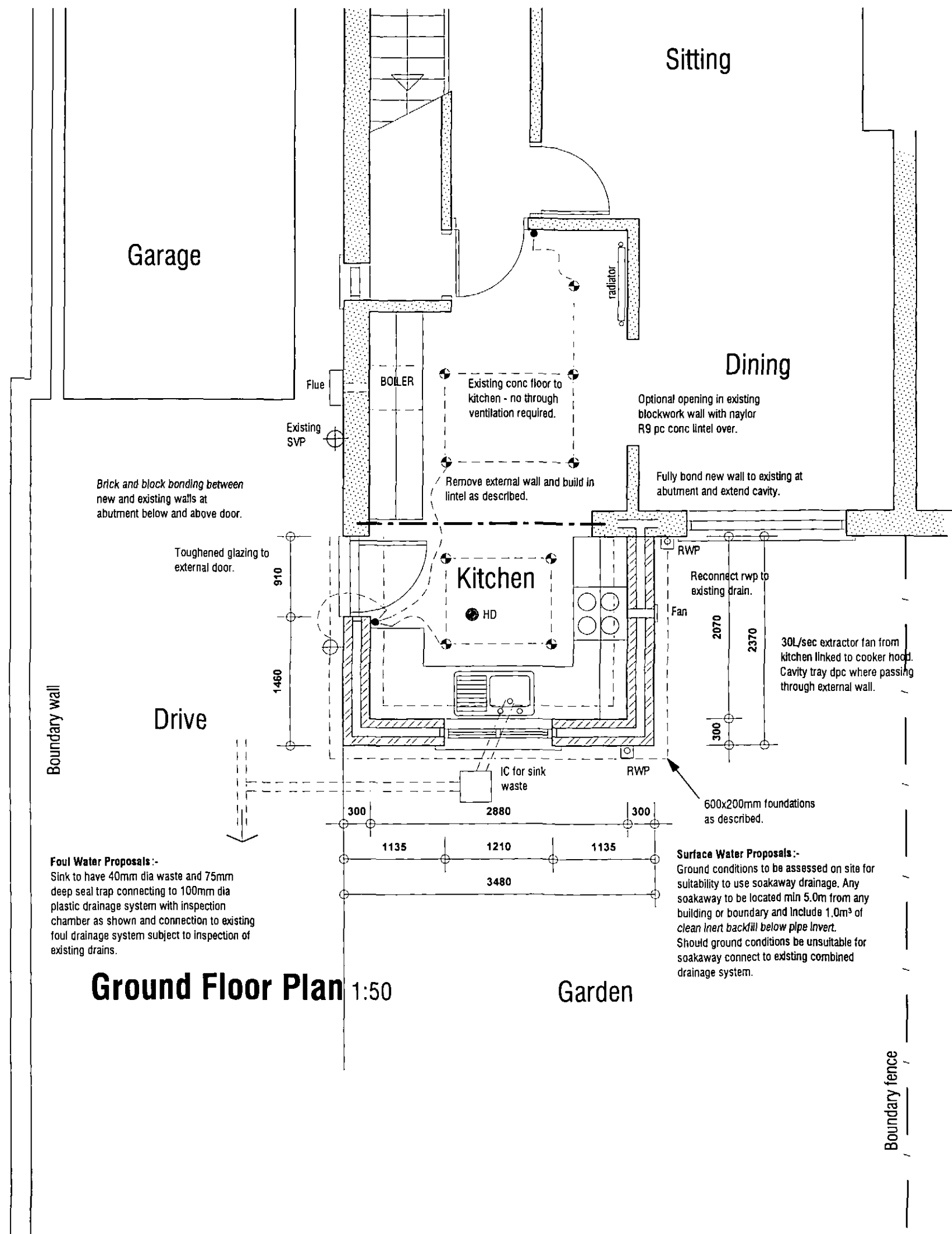




Ground Floor Plan 1:50

WINDOW:-

Lintel over opening with steel as described on Section. Window to be high performance toughened double glazed pvc-u with argon filled cavity and heat reflective coating to achieve a U-value not exceeding 0.18W/m²C. Opening lights as shown on elevation. Provide frame vents to give permanent background ventilation of 4000mm³.

WALLING:-

102mm facing brick outer leaf to match existing; 100mm 7N/mm² blockwork to inner leaf; 100mm cavity with 100mm Rockwool full fill insulation and stainless steel wall ties at 450c/c vertically, 750mm c/c horizontally and every block course vertically at eaves. Close cavities around openings with Thermabate insulated cavity closer. Design U-value for external walls 0.3W/m²C.

ELECTRICAL WORKS:-

Additional wiring to be carried out by a person under the competent persons scheme in accordance with Approved Document P of the Building regulations. All new works to be Part M compliant with new sockets 450mm and light switches 1200mm above finished floor level.

HD Heat detector

HEATING:-

Existing heating system to be extended with new radiator to position shown on plans.

Surface Water Proposals:-

Ground conditions to be assessed on site for suitability to use soakaway drainage. Any soakaway to be located min 5.0m from any building or boundary and include 1.0m³ of clean inert backfill below pipe invert. Should ground conditions be unsuitable for soakaway connect to existing combined drainage system.

**7 CHEVET WALK
POGMOOR
BARNSELEY**

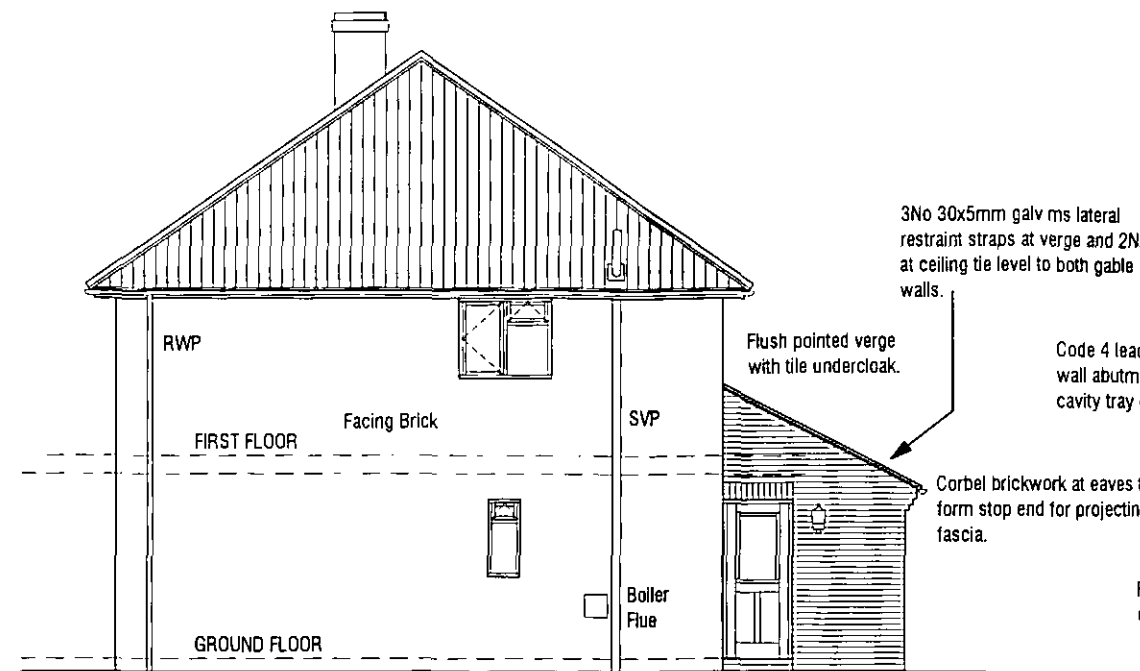
PROPOSALS

PLANS

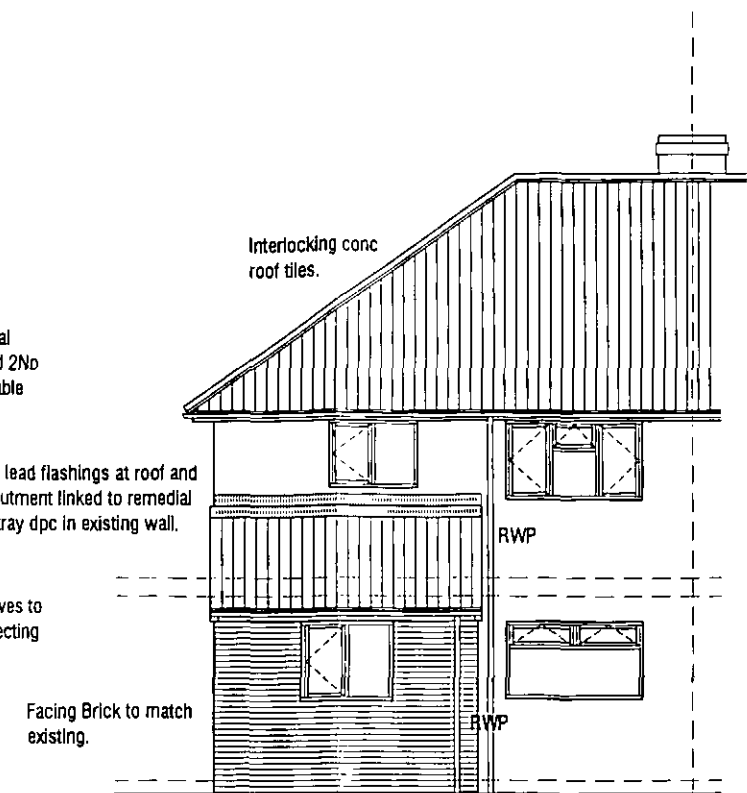
**SCALE As Shown
DATE Jan 10**

**Drwg No
D1**

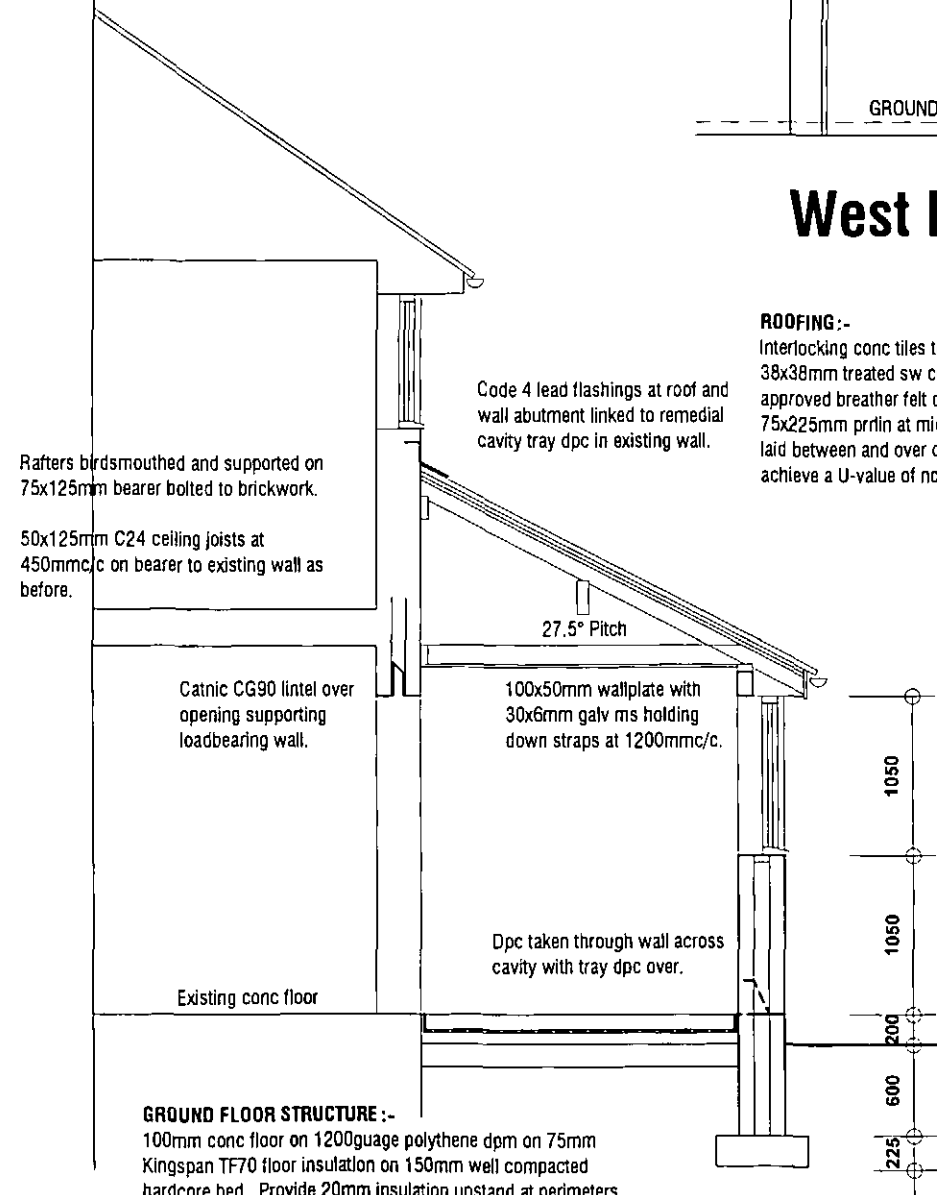
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West Elevation 1:100



South Elevation 1:100



Section 1:50

ROOFING:-

Interlocking conc tiles to match existing on 25x38mm treated sw battens on 38x38mm treated sw counter battens on Proctor Roofshield or similar approved breather felt on 50x100mm C24 rafters at 450mmc/c with 75x225mm prlin at midspan. Insulate roof space with 150mm mineral wool laid between and over ceiling joists giving a total thickness of 300mm to achieve a U-value of not greater than 0.25W/m²C.

EAVES:-

19mm solid PVCu fascia and soffit in white to match existing 12mm soffit. 100mm plastic half round gutter and fascia brackets to match existing. 450mm wide black dpc lapped with breather felt and draped into gutter as eaves carrier. No eaves ventilation required.

WALLING:-

102mm facing brick outer leaf to match existing; 100mm 7N/mm² blockwork to inner leaf; 100mm cavity with 100mm Rockwool full fill insulation and stainless steel wall ties at 450c/c vertically, 750mm c/c horizontally and every block course vertically at eaves. Close cavities around openings with Thermabate insulated cavity closer. Design U-value for external walls 0.3W/m²C. Lintel over door and window openings with galv and Insulated IG lintel ref L1/HD100 height 135mm min 150mm end bearing and cavity tray dpc over.

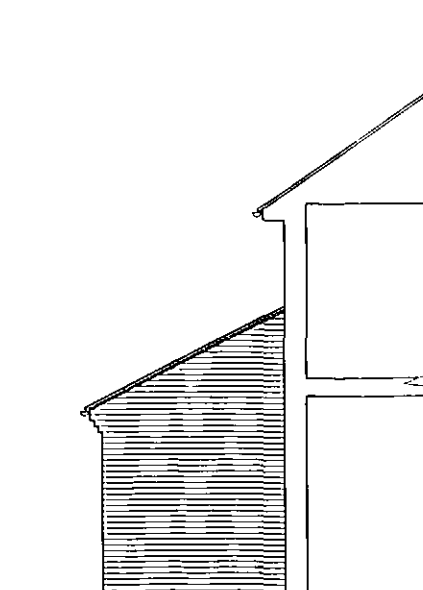
Dpc min 150mm above external ground level in outer leaf.

FOUNDATIONS:-

Foundation walls in 100mm 7N/mm² blockwork with weak mix cavity fill on 200x600mm conc strip footings taken down to good bearing ground subject to site inspection by LA Building Inspector and with not less than 600mm cover to top face.

GROUND FLOOR STRUCTURE :-

100mm conc floor on 1200guage polythene dpm on 75mm Kingspan TF70 floor insulation on 150mm well compacted hardcore bed. Provide 20mm insulation upstand at perimeters to prevent cold bridging. Dpm to be turned up at external walls and bonded to dpc to provide radon barrier.



East Elevation 1:100

**7 CHEVET WALK
POGMOOR
BARNSELY**

PROPOSALS

SECTION & ELEV

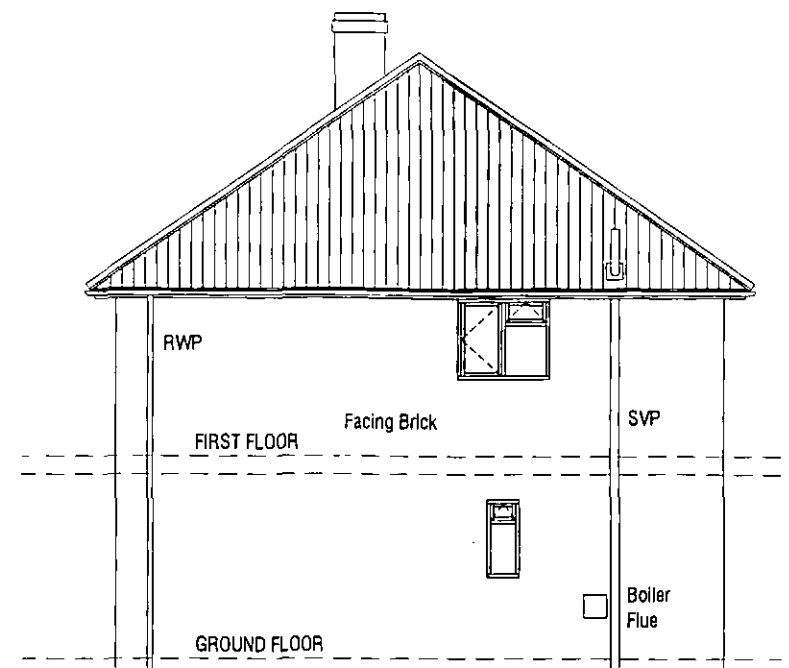
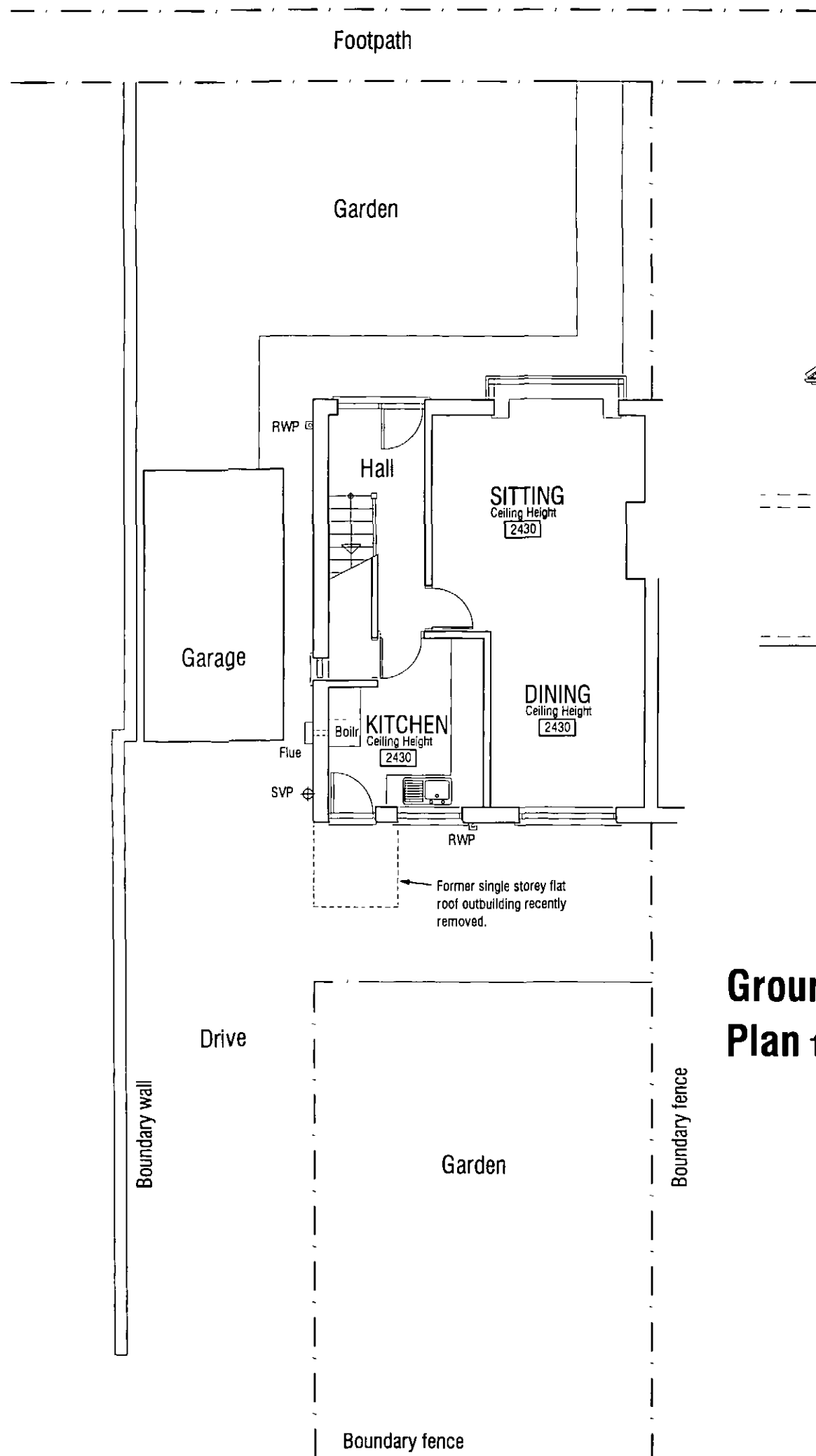
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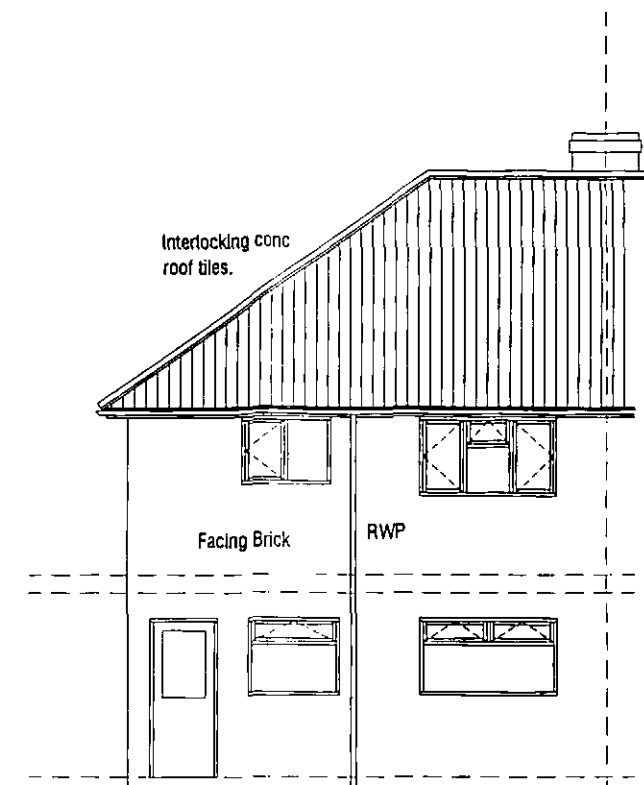
Drwg No

D2

Rev



West Elevation 1:100



South Elevation 1:100

Ground Floor Plan 1:100

7 CHEVET WALK POGMOOR BARNSELY		SURVEY	
		Plan & Elevations	
		SCALE As Shown	
		DATE Jan 10	
		Drwg No S1	Rev