

Insulation.

Insulation.

- 11a. Kingspan 55 mm Kooltherm K8 or similar for cavity insulation to cavity wall
- 11b. 50mm of insulation to give 0.35 w/m2 deg k complying with L2 laid below floor grade chipboard
- 11c. Lay 50mm Kingspan between rafter and 60mm below rafters to take 9.5 mm plasterboard and skim.

Below Ground Drainage.

- 12a. All below ground drainage to be clay pipes
- 12b. All below ground drains to be 100mm dia. at a fall of not less than 1/40. Drains to be encased in 150mm of pea shingle.
- 12c. Land drains to be Hepworth Supersleeve with the drain holes at the top to discharge to soakaway.

- 12d. Where drain passes under new wall or foundation, the wall to have lintel incorporated over
- 12e. Rodding eye at end of run to be at 40 degree to drain and encased in concrete

- 12f. Surface water drains to discharge into soakaway
12g. Top of land drain to be a minimum of 100 mm below floor level
Above Ground Drainage.

- 13a. All above ground drainage to be plastic to B.S. 4514 & B.S. 5254

- 13b.** Sink waste pipe to be 38mm dia. p.v.c. with deep seal trap.

Rainwater Drainage.

- 14a. Rainwater to be metal fittings
14b. 100mm half round metal gutter fixed to fascia board at 750mm ctrs with a fall of 1:600 to outlet
14c. 64 mm dia. p.v.c down pipe fixed to wall at 1600mm ctrs. max. discharging to gully via spitter to discharge to soakaway

Ventilation.

- 15b. Ventilation around velux roof light achieved by holes through the rafters on the neutral axis

Windows & Doors.

- 16a. Garage doors to match existing to be sliding on the internal face of the opening. Check size and detail.
- 16b. All windows to be softwood to match existing
- 16c. All new windows to a habitable room have permanent ventilation of 8000 sq. mm.
- 16d. All new windows to be double glazed 4mm clear E glass and 16mm air space to habitable room and single glazed to other rooms.

- 16e. Draught strips to be incorporated in all new windows.
16f. Toughened glass to all doors and to a height of 800 mm above floor level

Mechanical & Heating.

- 17a. Electric heating to games room only

Stairs.

- 18a.** Banister rail to be a minimum of 1000mm for domestic. Gap between rails to be a maximum of 100mm.

Electrics.

- 19a. All electrics to comply with the IEE Regulations, Part P.
- 19b. All 13amp sockets to be 250mm above the floor.
- 19c. All wiring to 2-5mm to ring main and 1-5 mm to lighting
- 19d. All electrical fittings to be a minimum of 900 mm from any sink or source of water
- 19e. Cable to outbuildings and garage to be armoured and 4mm in duct 600 mm below g.l.
- 19f. Most electrical work in dwellings falls within the scope of Building Regulations Part P. This requires all electrical work to be carried out by a fully qualified electrical contractor registered under the "Competent Persons Scheme" or installed by a person who will obtain a test and installation certificate and provide the necessary documentation for the Local Authority. The work must comply with EEL regulations and BS 7671.

Fire precautions

- 20a. Where half hour fire resistance required 2 No layer of 12.5 mm plasterboard & skim.
- 20b. 2No layers of 12.5 mm plasterboard fixed around structural steelwork to give half hour fire resistance.
- 20c. Fire Extinguishers
- | | | |
|---------------------|--------------|-------|
| 5.5litre A Foam FF. | First Floor | 1 No. |
| | Ground Floor | 1 No. |

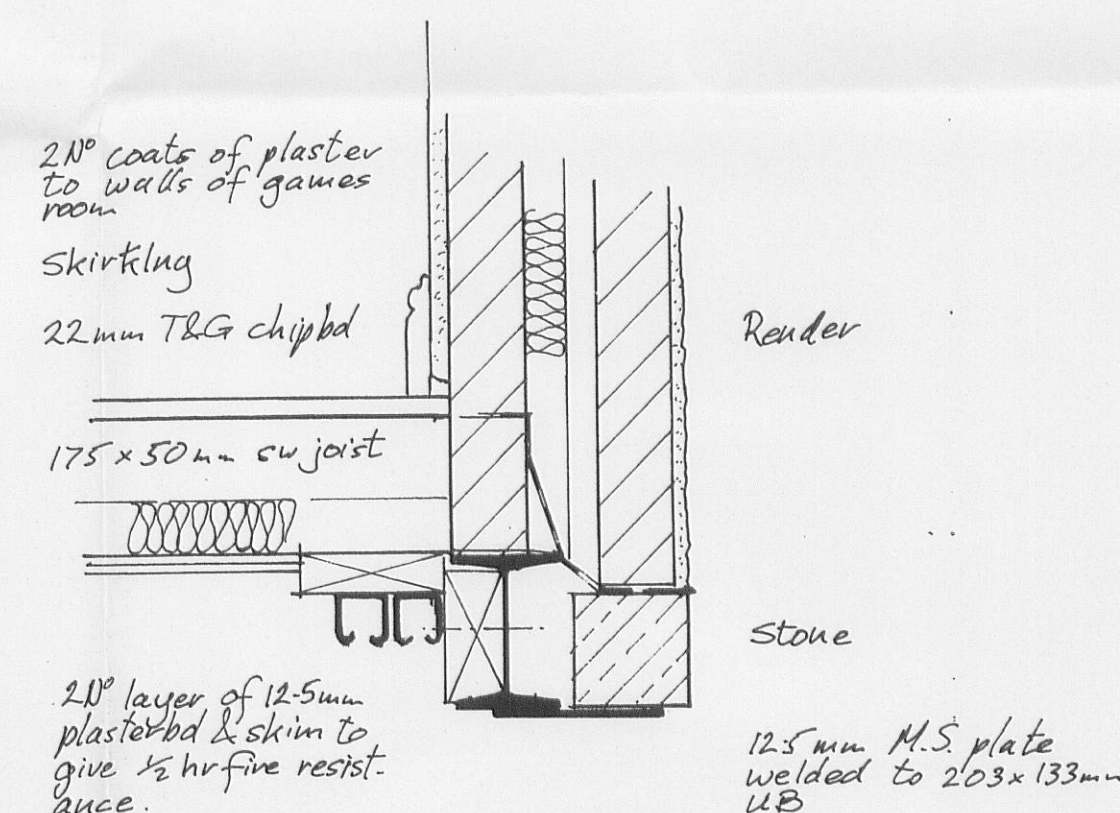
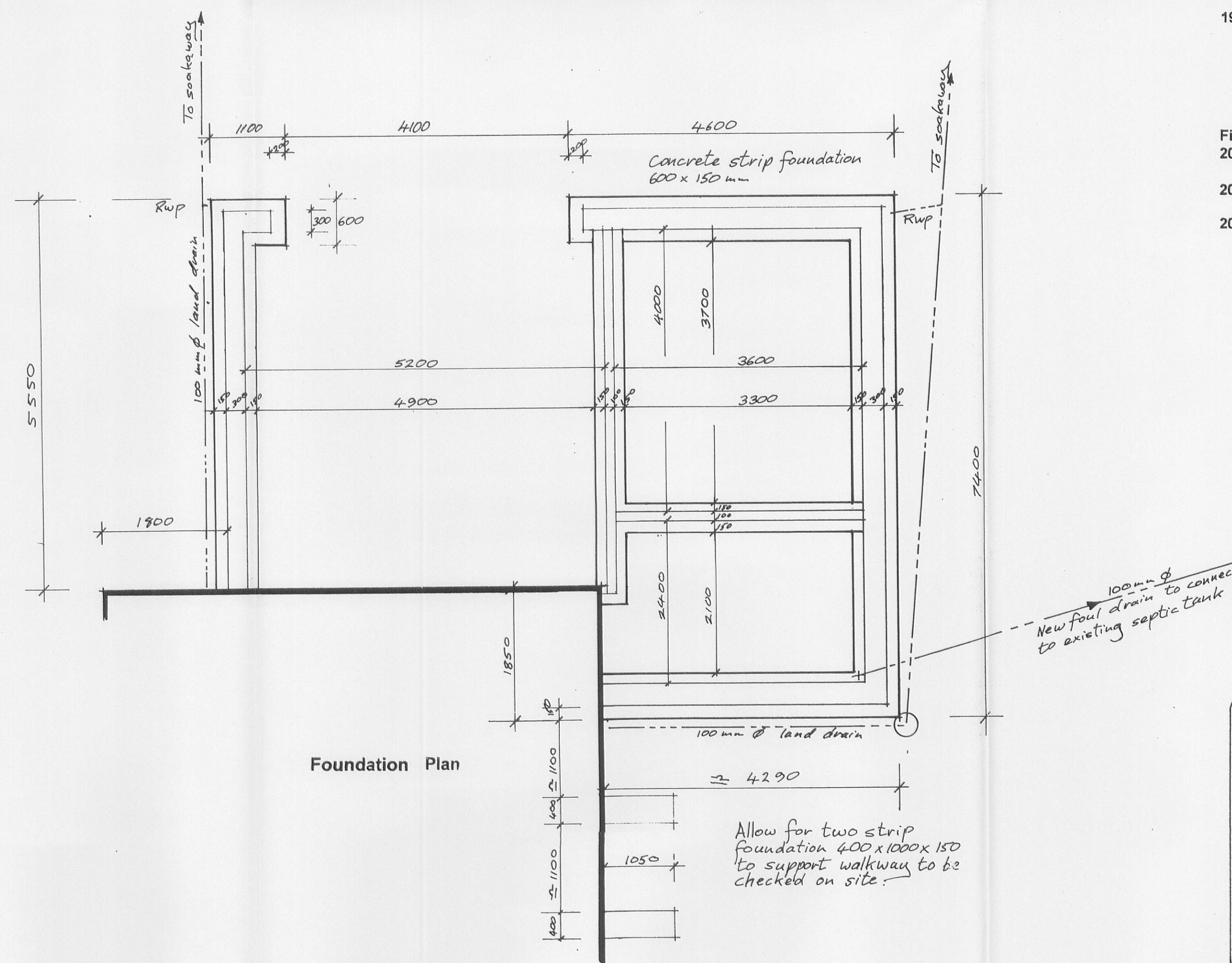
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Architectural Designers and Surveyors
Swindlehurst Barn, Back Lane. Grindleton
Nr. Clitheroe. Lancs BB7 4RW

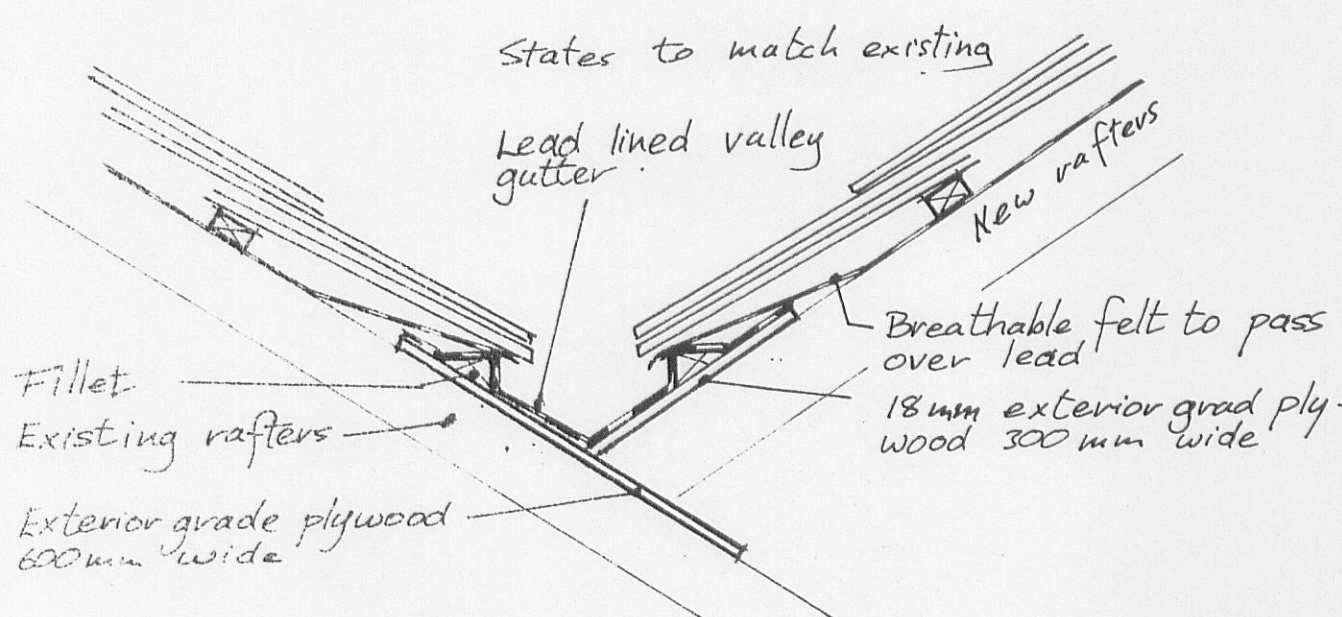
Project	Replacement of storm damaged stables and garage
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Client	Mr & Mrs D Hopkinson Bank House Sawley
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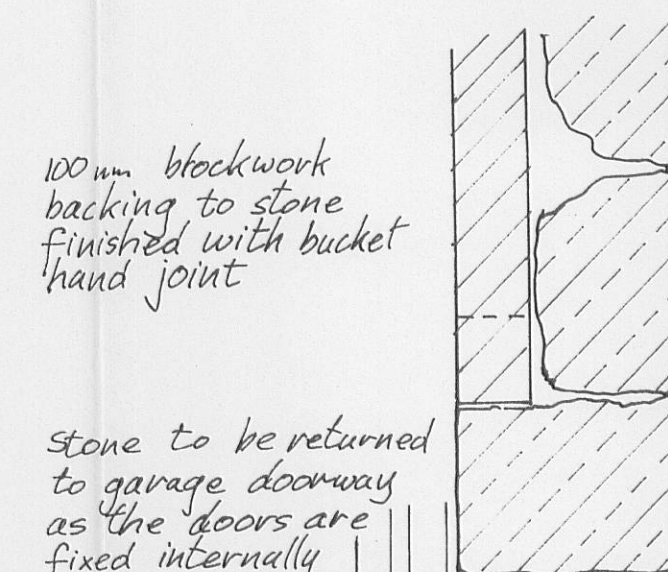
Title Foundation Plan: Section: Details		Drg No: 231/2/3
Scale 1:50 1:100	Date	Rev.



Detail of Garage Door Head



Valley Gutter Detail



Detail of Garage Door Jamb

stone to be returned
to garage doorway
as the doors are
fixed internally