



client.

J.Fletcher Esq.

project.

Extensions to
12 Browns Hill
Crich

drawing.

Proposed First Floor Plan

scale.

1:50

drawing number.

0685/190 - 8

DRAINAGE

Remove all existing manholes & associated redundant pipework.

New rainwater goods to be 100mm Dia half round p.v.c gutters connecting to 63mm Dia p.v.c downpipes to discharge into 100mm Dia s.g.w. pipes with flexible joints laid into pea gravel to falls 1:40 to discharge into soakaways min 4m from any building or to existing system as shown. Stainless steel riser & fall brackets to gutters.

38mm Dia p.v.c. wastes to bath & sinks; 32mm Dia p.v.c. wastes to basins to connect to b.i.g.s or 100mm Dia p.v.c. soil & vent pipe as shown. S&V pipe to terminate with 'Marley' 'Durgo' valve, (Agreement Certificate Nr 79.649) in store room as shown & discharge into 100mm Dia s.g.w pipes with flexible joints laid into pea gravel to falls 1:40. All sanitary fittings to have accessible traps & min 76mm seal. All wastes to b.i.g.s to discharge below grate. New manholes to consist 225mm class B engineering brickwork on min 150mm concrete base with self cleansing benching. Class C cover & frame externally. Screw down double seal covers internal manholes and traps.

All pipework beneath building to be encased in concrete.

DRAINAGE SCHEDULE

Slab level 100.000

MH	Status	Cover	Invert	Depth	Inlet	Dia	Grad	Length	Run
C.1.	exg	100.460			98.860	150mm	1:40	1.500	P.1.
P.1.	new	100.535	98.900	1.635		100mm	1:40	6.000	P.2.
P.2.	new	100.500	99.050	1.450		100mm	1:40	6.000	P.3.
P.3.	new	100.600	99.200	1.400		100mm	1:40	8.700	P.4.
						100mm	1:40	1.300	b.i.g.
P.4.	new	99.850	99.420	0.430		100mm	1:40		exg
						100mm	1:40	1.200	b.i.g.

Check inlet valve for C.1. before commencement on site.

GENERAL

Class 1 appliance to lounge to have min 500x125mm concrete hearth projecting min 150mm to both sides of opening & 2nr fireguard anchorage points (fig.13). Min 200mm Dia terracotta flue liner to be encased in brickwork stack, to terminate min 1m above ne arest roof intersection or 600mm from ridge, with associated 2.5kg lead flashing (fig.14). Stack to have mesh reinforcement every 4nr courses above roof level & no structural timber to be within 50mm of stack.

All steels to be encased in 2nr layers 12.7mm plasterboard & skim. Boards to have staggered joints & be copper wired to steels to achieve min half hour fire resistance. Consult schedule for end bearings.

Use 'Furfix' galv steel profile to manufacturer's instruction between new & existing masonry. Fill gap to outside with builder's mastic coloured to match stone.

Stairs to rear to be stone-faced concrete spandrels (fig.25) with max 42° pitch.

N.B.

All dimensions to be checked on site prior to commencement of building. Any ambiguity or conflicts to be brought to the attention of the architects. Do not scale from drawings.

figs 1, 2, 4, 5, 7, 8, 10, 11, 12, 13, 14, 17, 20, 25 (6.5.86 KNS)