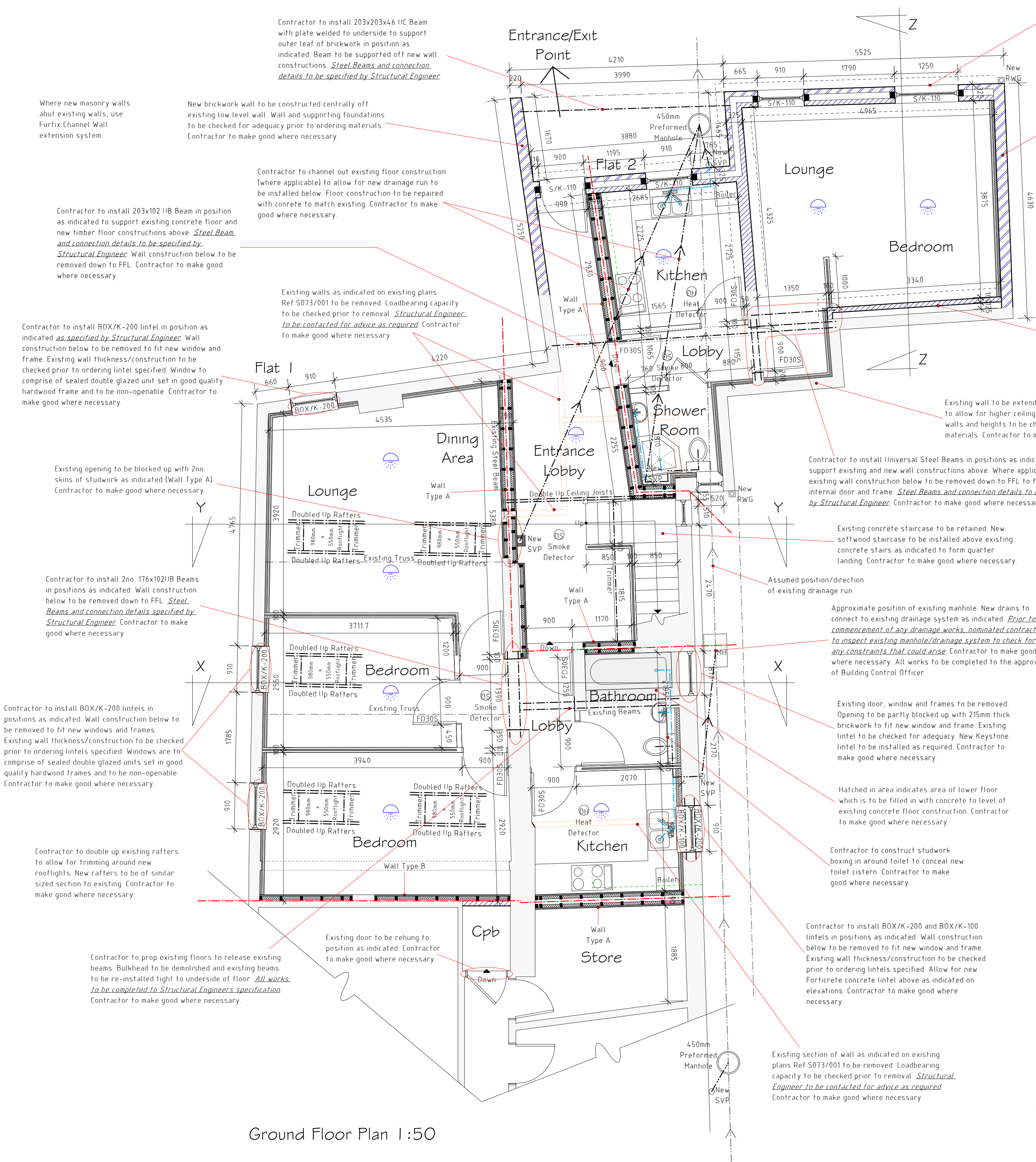




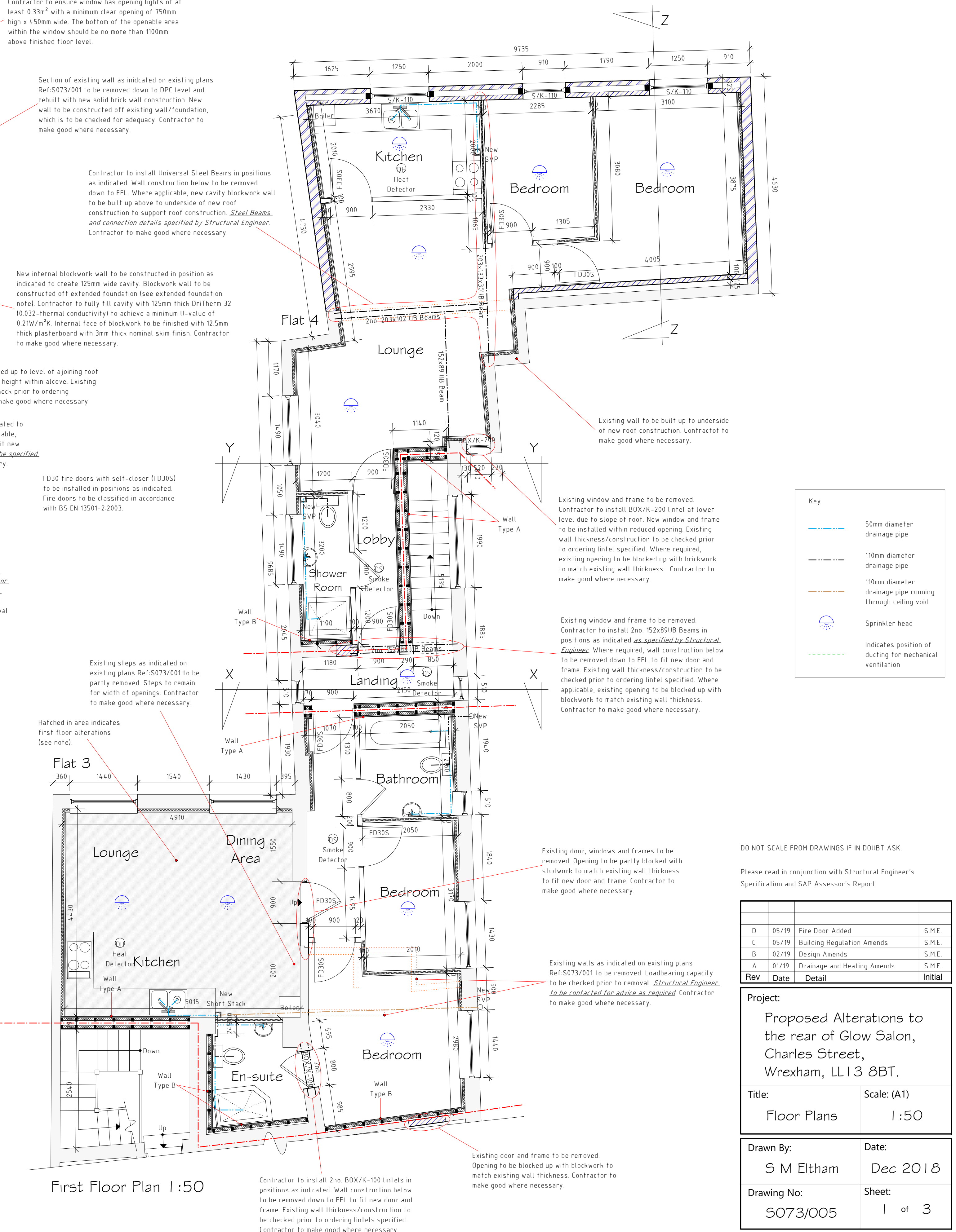
FOIL DRAINAGE
All new drains are to be 110mm diameter uPVC drains laid in granular material at a fall of 1 in 40. New drainage to connect into new Soil Vent Pipes (SVP's) or Short Stacks as indicated. SVP's and Short Stacks to have 600mm radius bend at base. Drains passing through walls are to be isolated from structure with 600mm long x 100mm wide x 150mm deep reinforced concrete lintels. Drains passing under structure and within 300mm of finished external ground level are to be encased with 150mm concrete. Where pipes duct through compartment walls/floors, Intumescent fire collars to be installed around pipes to ensure sufficient fire break is achieved. Wastes to connect into existing foul water drains. New preformed manholes to be fitted in strict accordance to manufacturer's instructions. Invert and cover levels of manholes to be confirmed prior to commencement of any drainage works. *Prior to commencement of any drainage works, nominated contractor to inspect existing drainage system to check for any constraints that could arise. Works may be subject to an Agreement from Welsh Water.*

PLUMBING
Wastes from wash hand basins, baths, shower and Kitchen sinks to be 50mm minimum diameter uPVC pipe fitted with 75mm deep seal traps. WC wastes to be 110mm diameter uPVC PolyPipe. Wastes to connect into 110mm diameter uPVC SVP (soil vent pipe) or Short Stack as indicated. All connections being made on bossed socket adapters. Waste from Short Stack within Flat 3 to duct through roof void at a fall of 1 in 40 and connect to new SVP externally. SVP's to terminate 900mm above nearest opening light and fitted with anti-pest terminal. Short Stack to terminate above flood level of any sanitary ware and be fitted with Durgin air admittance valve. Waste from Kitchen sinks and any further appliances within Kitchens to connect to anti-siphon traps prior to connecting new SVP's/Short Stacks where applicable. All connections being made on bossed socket adapters. Where pipework pierces compartment walls/floors, they are to be fitted with Intumescent Fire Collars to provide a minimum 60 minutes fire protection. Holes created within walls to be filled with high density filler. *no expanding foam to be used.*

SURFACE WATER DRAINAGE
Rainwater to be collected in aluminium guttering and aluminium downpipes to clients discretion and to local authority approval. Water to discharge to new Polypipe rainwater gullies (RWG) and to be taken to existing surface water drainage system on site. Where applicable, new guttering to connect to existing guttering and discharge to existing surface water run-off system. Contractor to make good where necessary.

SPRINKLER SYSTEM
Apartments to be fitted with separate sprinkler system to specialist manufacturers details. Sprinkler system to be zoned to ensure system targets affected area. *Specialist manufacturer to specify exact positioning of sprinkler heads.* Fire sprinkler system to be in accordance with BS 9251:2014 (fire sprinkler systems for domestic, residential and occupancies - code of practice). All works in relation to sprinkler system to be as per specialist manufacturer's specification. Installer to provide certification for installation of sprinkler system on completion.

SANITATION, HOT WATER SAFETY & WATER EFFICIENCY (Approved Document G 2010)
The supply of water for domestic use and plumbing services shall comply with BS 6700:2009. In accordance with regulation 17k water consumption for the new dwelling shall not exceed 125 litres per person per day when calculated in accordance with 'The Water Efficiency Calculator for New Dwellings'. Thermostatically controlled hot water delivered to baths should not exceed 48°C.



Where drains fall vertically through first floor construction, contractor to core drill through existing concrete floor construction. Pipes are to be fitted with Intumescent Fire Collars to provide a minimum 60 minutes fire protection. Holes through floor to allow high density filler (no expanding foam to be used). Contractor to ensure drainage is not fixed rigidly to the structure of the building. Drainage to be resiliently mounted and clad with 50mm minimum mineral fibre insulation, pipes to be encased with studted framework that does not come into contact with the SVP and finished with double layer of 15mm Gyproc SoundBloc/Lafarge E plaster board with 3mm nominal skim finish. All works in relation to soundproofing around drainage to be specified by Acoustic Engineer. Contractor to make good where necessary.

All dimensions are taken from brickwork/blockwork face and plasterboard face and to be checked on site prior to commencing work.

Where lintels and foundations are to be subjected to additional loading, they are to be exposed by contractor and checked by the Building Control officer for there adequacy prior to introduction of new loads.

DO NOT SCALE FROM DRAWINGS IF IN DOUBT ASK.

Please read in conjunction with Structural Engineer's Specification and SAP Assessor's Report

Rev	Date	Detail	Initial
D	05/19	Fire Door Added	S.M.E
C	05/19	Building Regulation Amends	S.M.E
B	02/19	Design Amends	S.M.E
A	01/19	Drainage and Heating Amends	S.M.E

Project: Proposed Alterations to the rear of Glow Salon, Charles Street, Wrexham, LL13 8BT.

Title: Floor Plans	Scale: (A1) 1:50
--------------------	------------------

Drawn By: S M Eltham	Date: Dec 2018
----------------------	----------------

Drawing No: S073/005	Sheet: 1 of 3
----------------------	---------------

Office 3K4, Redwirth Business Tower, Wrexham, LL13 9XT
Tel: 01978 356500
www.blueprintarchitectural.com