EXISTING EXTERNAL WALLS (GROUND FLOOR ONLY):-
Existing external walls to be "dry-lined" internally with 77.5mm KINGSPAN KOOLTHERM K18 insulation board comprising 65mm *phenolic foam insulation bonded to 12.5mm plasterboard with vapour* resistant interlayer finished with board finish plaster and screwed to metal firrings bonded/anchored to existing wallsin accordance with chosen mfr's instructions to achieve o/a U-value to wall of not more than 0.28w/m²°c.

DAMP PROOF COURSE & TIMBER TREATMENT:-
All existing walls to recieve a chemical injection DPC at ground floor level and/or ground level as necessary by specialist contractor using proprietary BBA Certified system in strict accordance with the instruction therein to ensure min 30 year Bonded Warranty.
Plaster all treated walls at low level as required by specialist prior to dry-lining and where wall retaining, ie North & West Elevations, wall to be rendered internally with cement:sand render with proprietary waterproof additive such as SIKA in strict accordance with their recommendations

INTERNAL WALLS:-
Internal wall shown hatched to be 100mm thick blkwk in either standard lightweight off slab where non lfb or in 7N lWeight blocks off foundation whereee loaded with Naylor P100 or RS lintels over opening respectively. All other internal walls to be non-loadbearing and to be constructed in lightweight construction off existing floors comprising 70mm timber stud *partitioning with 12.5mm "Fireshield" plasterboard to both sides* with board finish plaster skim.

WINDOWS AND DOORS:-
New windows to be REHAU S719 HERITAGE vertical sliding sash windows in white PVCu by Specialist approved fabricator installer with 24mm DG units to BS5713 with low-E inner pane to give max o/a U-value of not more than 1.8w/m²°c. Windows to incorporate sash horns, inner & outer georgian bars and tilt facility for cleaning from within the building.

GLAZING:-
All glazing to comply with Approved Document N of Building Regs,BS 5713:1979 and incorporate Low-E glass to ensure max U-Value of 2.0W/M²C.
All glazing to critical areas to be Kitemarked safety glass as follows:-
Windows with cill height less than 800mm from internal floor level.
In doors and adjacent side screens to all areas below 1500mm from finished floor level.
All windows and doors to be fully draft sealed.

STAIRCASES:-
Replace existing staircase access to first floor level and enable access to ground floor level with purpose made steel staircases with flat plate stringers and folded plate treads/ risers in accordance with specialists details & recommendations generally to comply with Approved Documents K and M of Building Regulations.
Stairs to be 1.2m wide and incorporate equal risers of max 170mm with min 250mm equal goings.
Provide guardings to both sides of staircase 900mm high measured vertically above pitch line of flight and to all landings 1100mm above finished floor level in 45mm dia HW handrail with flattened bottom onto 40x10mm top rails with matching bottom rails between 40x40mm posts at approx 1.2m centres with 12x12mm vertical balusters at 100mm centres.
Provide step nosings to all treads distinguishable through contrasting colours.
Ensure min 2.0M vertical headroom over ground floor access.

MECHANICAL VENTILATION:-
Mechanical ventilation to be provided to sanitary accomodation as shown on plans with ventilation to windowless accomodation wired thru' lighting circuit with 15 minute overrun in conjunction with 10mm air gap under doors for replacement air Wherever possible mechanical ventilation to be manually activated

FIRE PRECAUTIONS:-
SD or HD Provide and install Fire Alarm system with smoke and heat detectors and manual call points as indicated, interconnected on an exclusive mains circuit with battery back-up and Fire Alarm panel to position shown, designed in accordance with BS5839:part 1:1988 and Part 2:1983 by contractor's specialist

FABG Denotes manual 'Break Glass' call point.

Denotes Fire Alarm sounder

Emergency Lighting:-
All escape routes and final exits to the building to be covered by a system of Emergency Lighting designed by contractor in accordance with BS5266:Part 1.

Doors:-
Denotes FD30S fire door closing onto 25mm rebates incorporating intumescent/smoke seals, self closing device and "FIRE DOOR KEEP CLOSED" notices generally and "FIRE DOOR KEEP LOCKED SHUT" notices to all stores and limited access rooms as necessary.

Pipework:-
Existing SVP where passing through seperating floors to have intumescent collar fitted giving 1 hour fire protection

Internal Surfaces (Linings.):-
Wall and ceiling linings generally to be CLASS 1 rated for surface spread of flame and CLASS 0 rated to all circulation spaces tested in accordance with relevant requirements of BS476.

FIRE RESISTANCE:-
Existing ceiling to seperating floor over to be upgraded or replaced to give at least One Hour Fire resistance in accordance with Approved Document B Building Regulations 1991, 2000Edition.

LIGHTING:-
Generally lighting to be low energy operating via local switched circuits in accordance with relevant requirements of Approved Document L2B Building Regulations 2000, 2006 Edition.

HEATING AND HOT WATER:-
Heating to be provided by electric storage heaters with combined timer and thermostat controls operating from off peak electric supply
Hot water to be provided by mains fed instantaneous electric calorifiers located in store and suitably sized for the hot water demands of the unit.

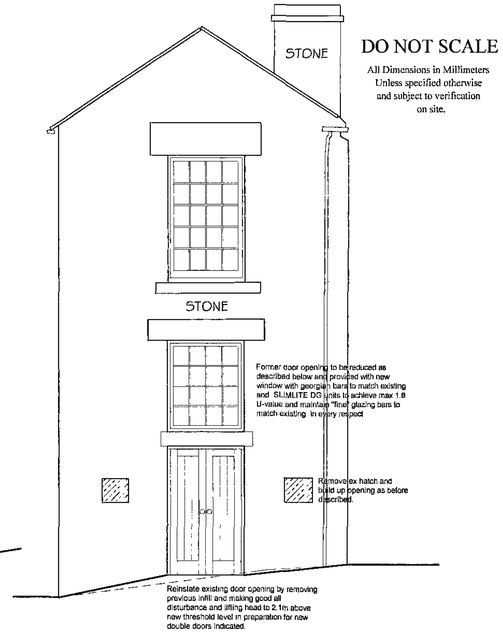
DISABLED REQUIREMENTS:-
Due to confines of site and existing topography accessibility is impaired and fully compliant approach is not achievable without undue impact on this and adjoining ownerships, therefore, ambulant disabled access has been afforded by means of stepped approaches down to ground floor and up to the existing studio office at first floor level in accordance with AD M as described above. Each accessible level has also been provided with an ambulant WC compartment as indicated with integral whb and all necessary grab rails

ABOVE GROUND DRAINAGE:-
All internal above ground drainage to be in black PVC wastes to all sanitary fittings of the following sizes:
WC - 100mm dia.
Basins - 32mm dia or 40mm if greater than 1.7m away from SVP.
Sinks - 40mm dia.
All wastes to have 75mm deep resealing traps.
All fittings to connect to SVP above or min 200mm below WC entry.
Soil pipes to be 100mm dia and where running to external air to terminate min 900mm above any opening light within 3m of the discharge point and finished with a cage or perforated cover which does not restrict the flow of air.
Rodding points to be provided to any lengths of drainage which cannot be reached from any other part of the system.

SERVICES:-
Building to be rewired by fully qualified electricians generally in accordance with latest edition IEE wiring regulations from upgraded/ new supply by appropriate statutory undertaker.
Buildings to have new plumbing services from upgraded/ new water supply by relevant statutory undertaker.

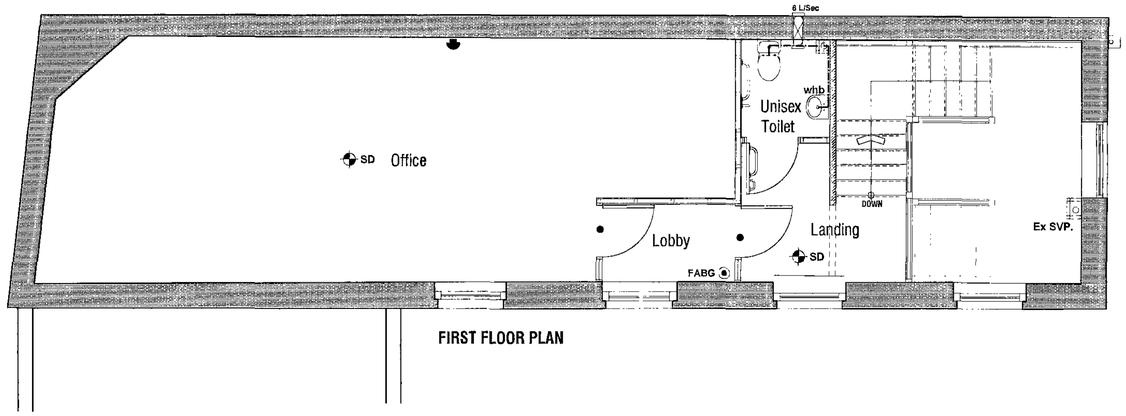


EAST ELEVATION

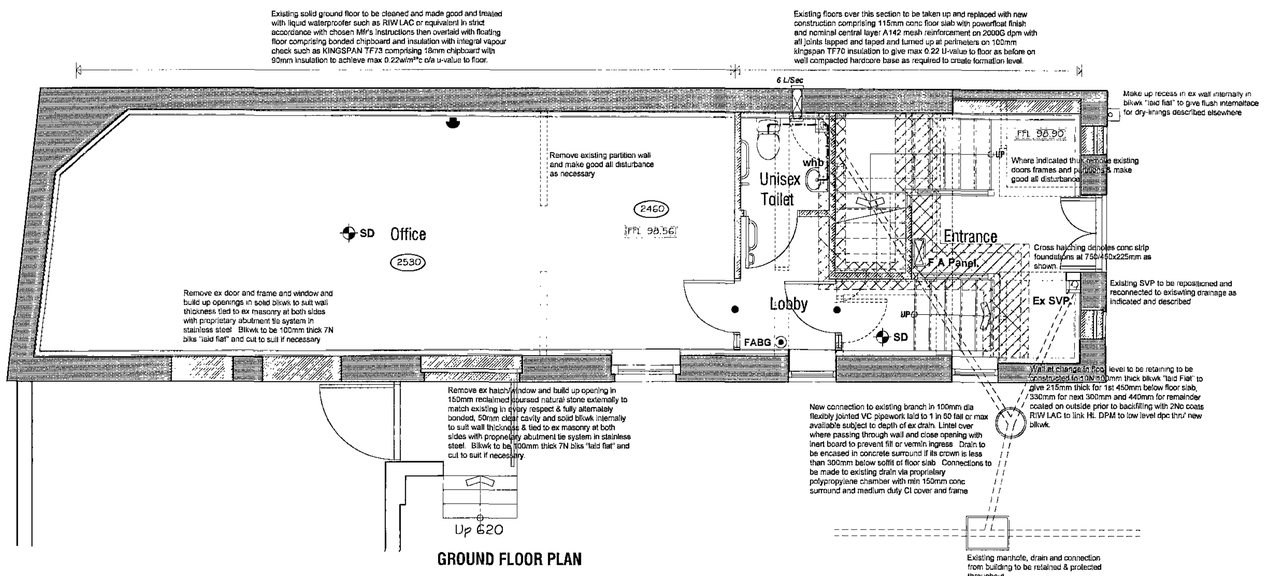


NORTH ELEVATION

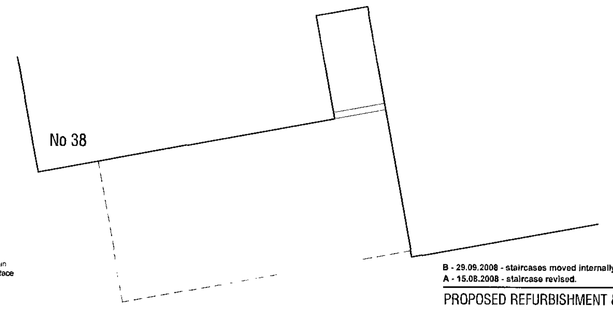
DO NOT SCALE
All Dimensions in Millimeters Unless specified otherwise and subject to verification on site.



FIRST FLOOR PLAN



GROUND FLOOR PLAN



5TN
1000.000
1000.000
100.000

B - 29.09.2008 - staircases moved internally.
A - 15.08.2008 - staircase revised.

PROPOSED REFURBISHMENT & ALTERATIONS,
36B SHAMBLES STREET,
BARNSLEY.

DETAILED PROPOSALS

PLAN & ELEVATIONS

No 36a

Barnsley Metropolitan Borough Council
01 OCT 2008

Chris Carr Associates
ARCHITECTS
6A Eastgate, Barnsley, S70 2EP
Tel:(01226) 286256 Fax:(01226) 207304
Email: mail@cca-arch.co.uk

Scale.	1:50 @A1	Drawn.	JE
Date.	JUNE 08	Ref. No.	23/04
DWG. No.	**WD1**	Rev.	**B**