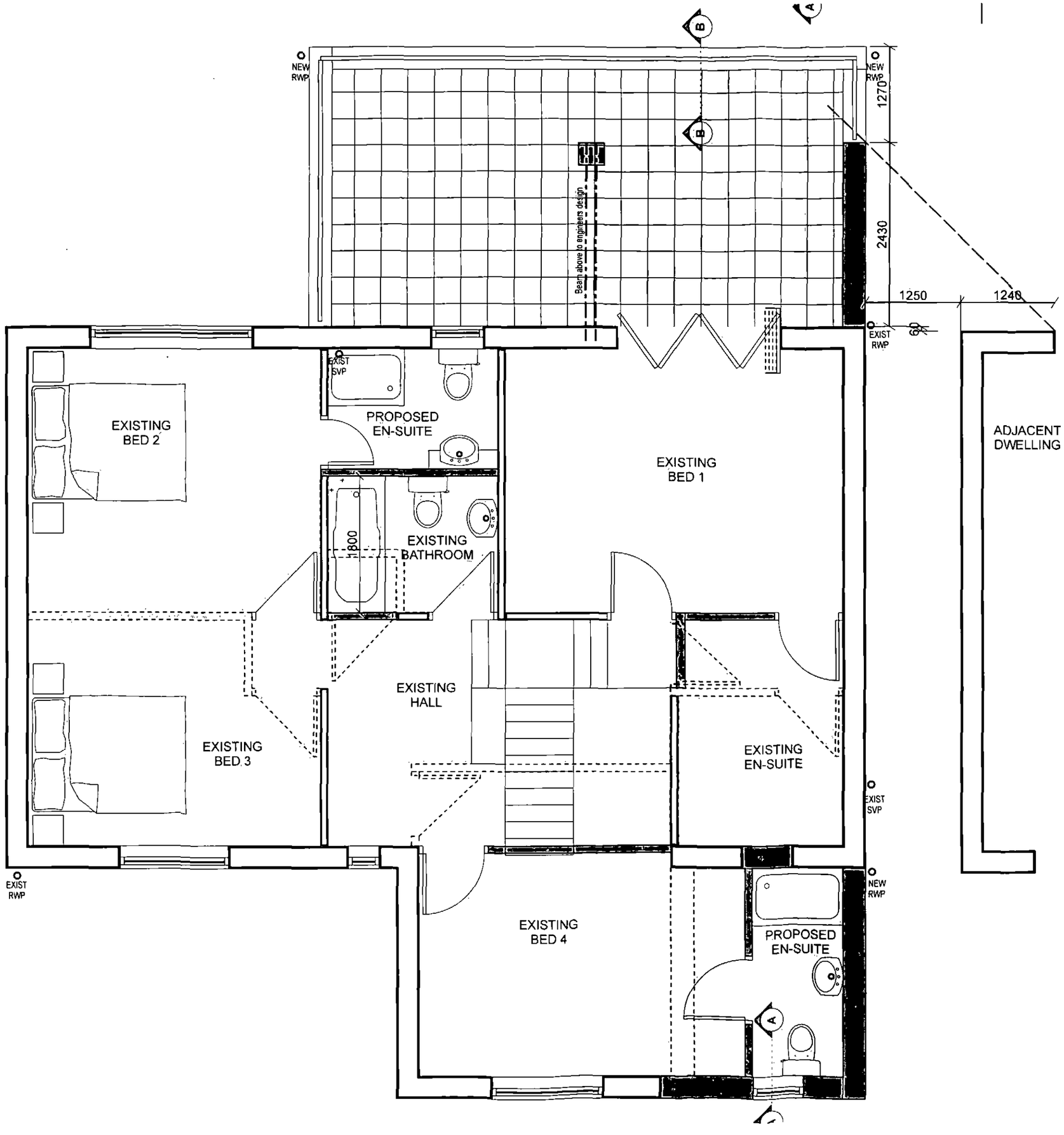


PLAN KEY

NOTE: Read in conjunction with relevant specification notes

- Existing doors
- Existing doors removed
- Proposed doors
- FD30S — New 1/2 hour fire rated door with self closing device
- FD60S — New 1 hour fire rated door with self closing device
- SD — Smoke Detector to BS 5839 Part 1
- HD — Heat Detector
- Existing internal walls retained
- Existing internal walls removed
- Proposed internal timber stud walls
- Proposed internal blockwork walls
- Existing external walls / windows retained
- Existing external walls / windows removed
- New window formed at existing wall with lintols above and DPC's to reveals
- Proposed cavity external walls / windows.
- Existing walls removed and. 2 No. heavy duty lintols inserted above to the manufacturers design existing walls & floor made good
- Stuctural steel beams above to the engineers design

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Rev	Date	Comments	by
A	May 11	Planning Issue	MS

Project

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S73 0PJ

Client

Mr D Cairns

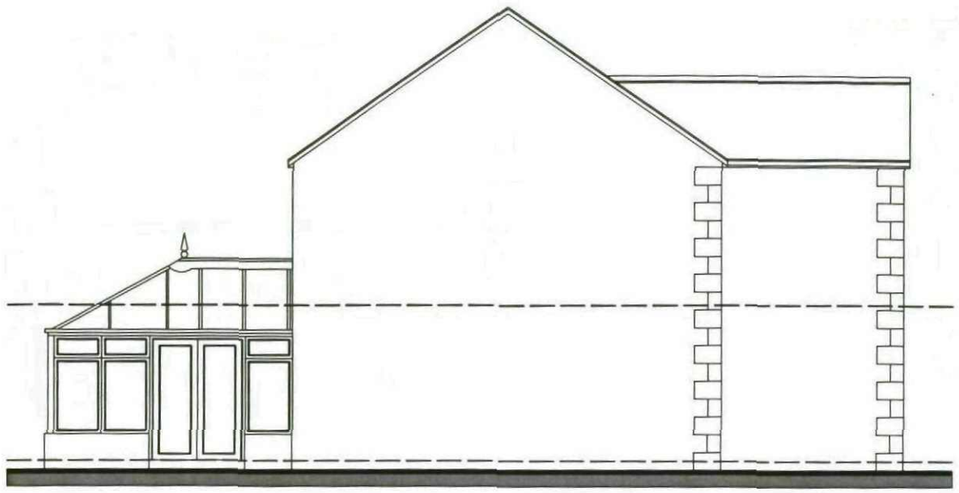
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PROPOSED FIRST FLOOR PLAN

Scale (s)	Drawing No.	Revision
1:50 @ A3	11018/05	A
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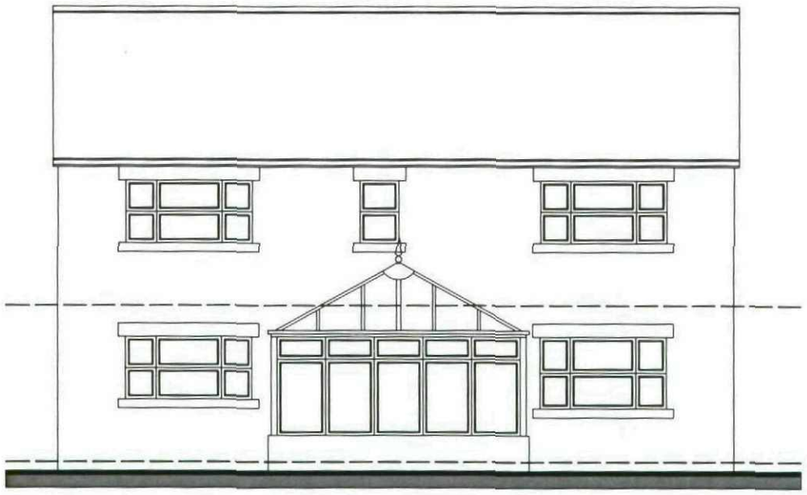
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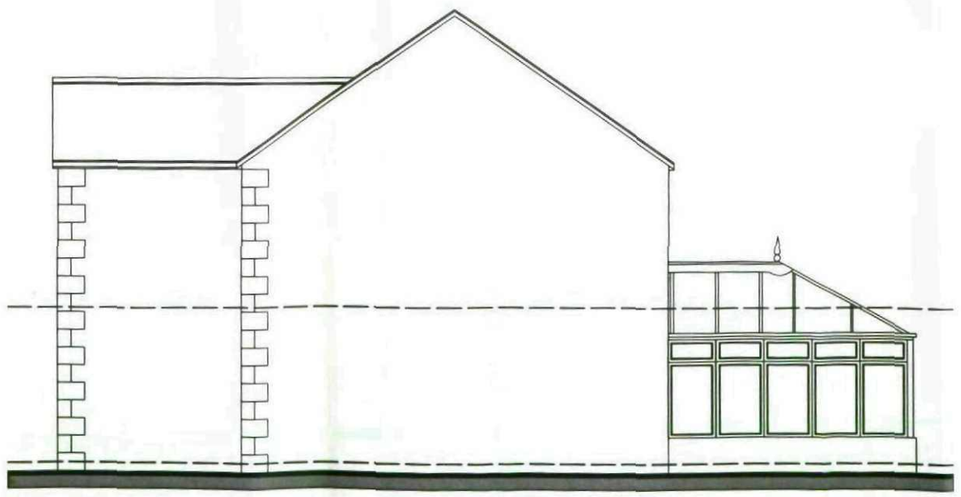
EXISTING SIDE ELEVATION



EXISTING FRONT ELEVATION



EXISTING REAR ELEVATION



EXISTING SIDE ELEVATION

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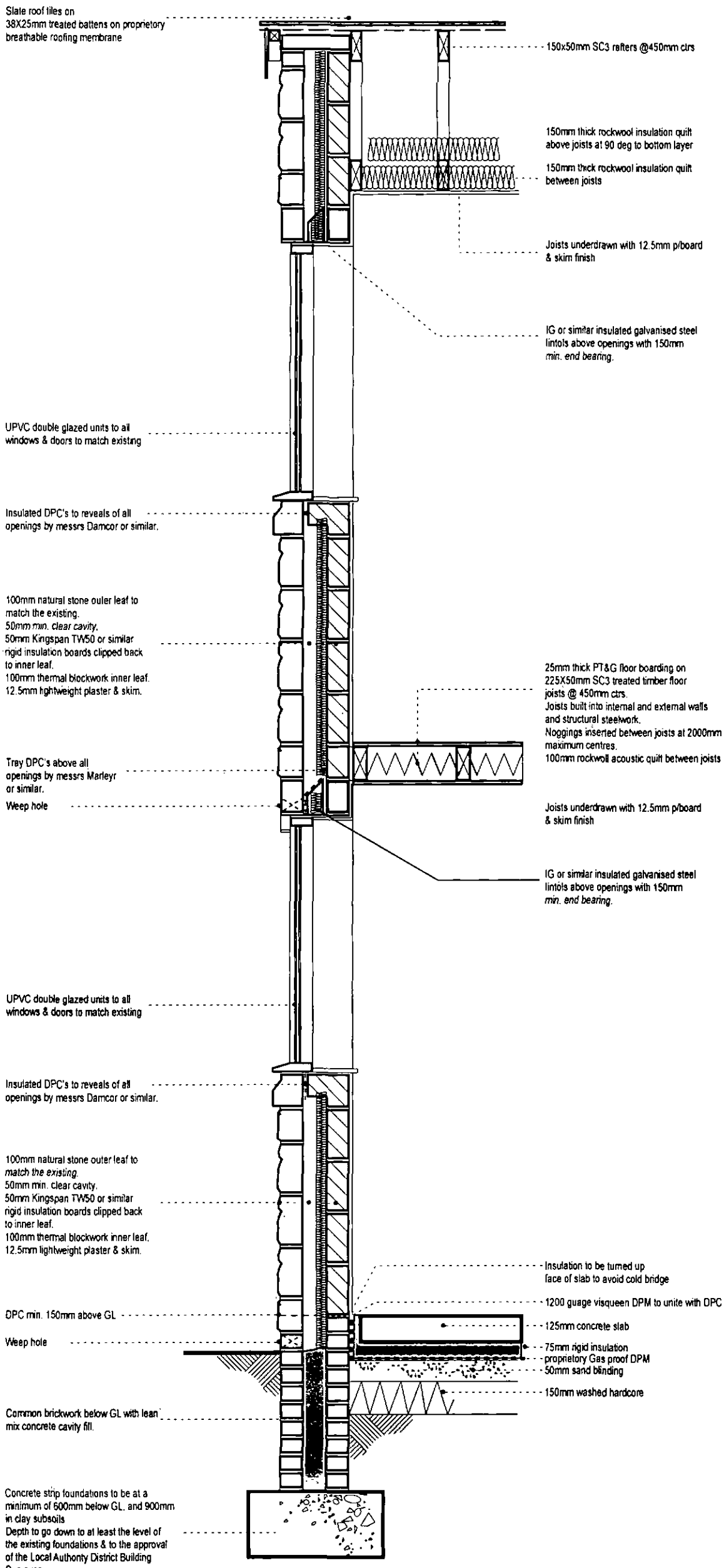
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EXISTING ELEVATIONS

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1:100 @ A3	11018/03	A
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A
A

PROPOSED SECTION A-A

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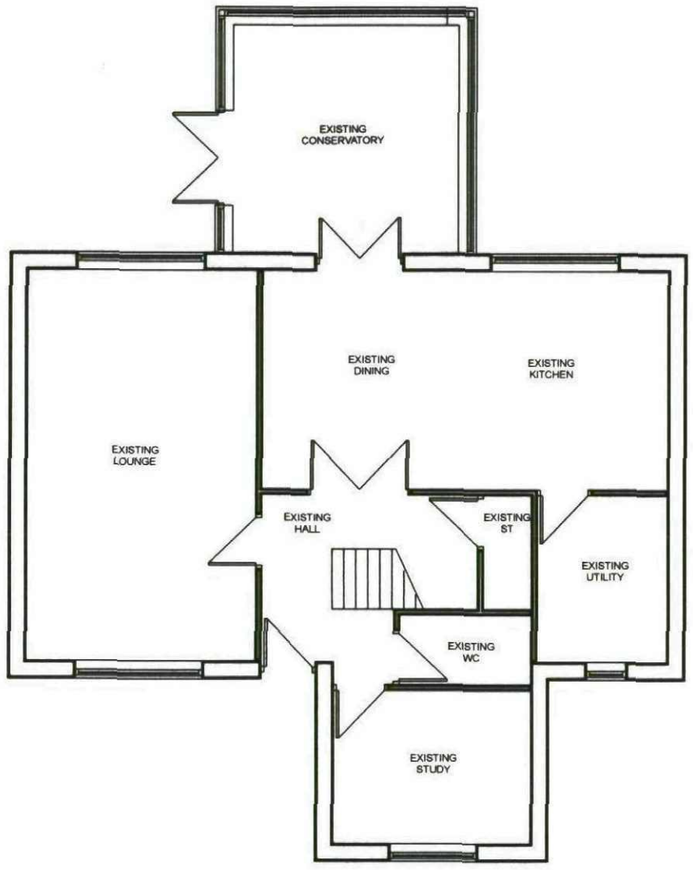
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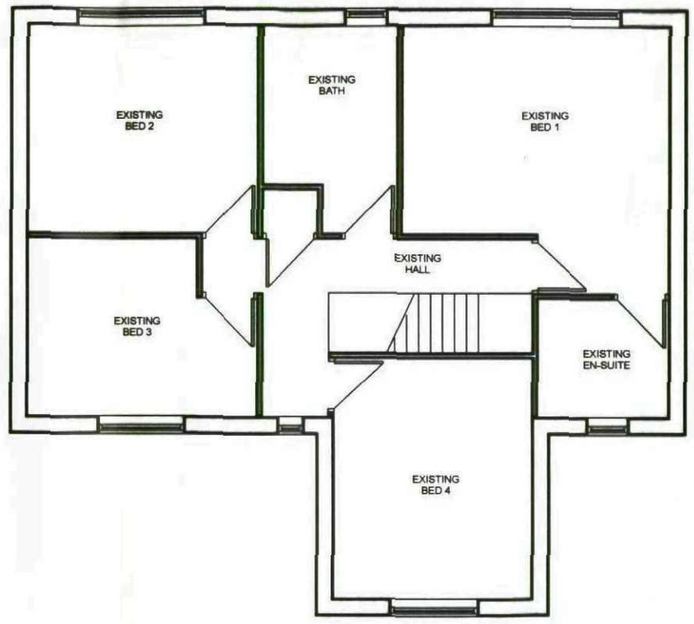
Drawing title
PROPOSED SECTION B-B

Scale (s)	Drawing No.	Revision
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EXISTING GROUND FLOOR PLAN



EXISTING FIRST FLOOR PLAN

NOTES

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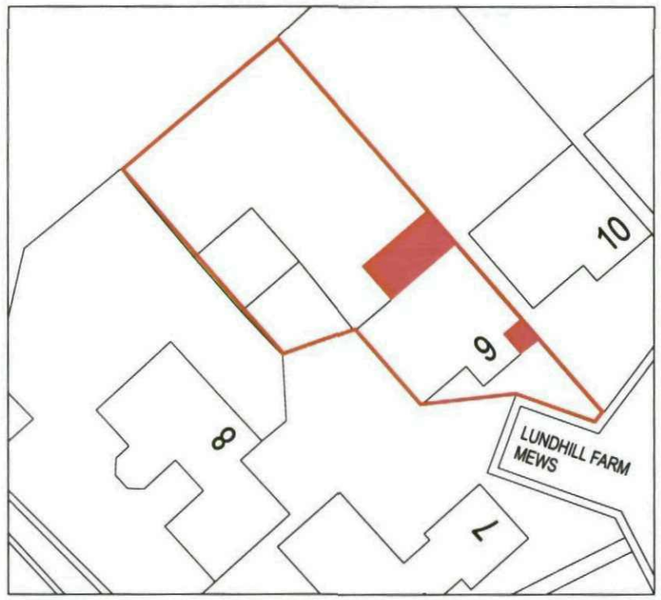
Client
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Drawing title
EXISTING PLANS

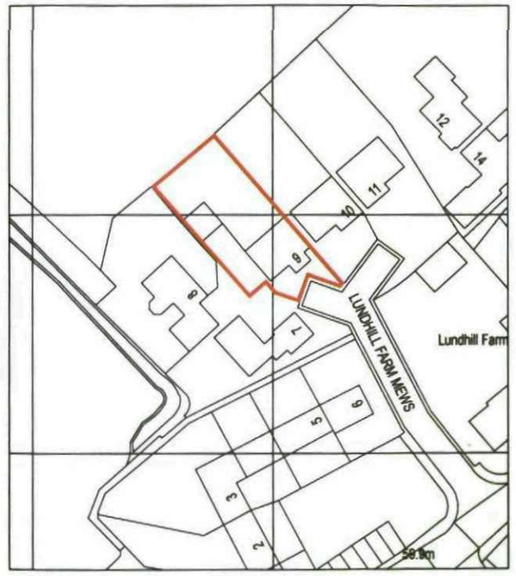
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SITE PLAN 1:500



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SITE LOCATION PLAN 1:1250

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PROPOSED SITE &
SITE LOCATION PLAN

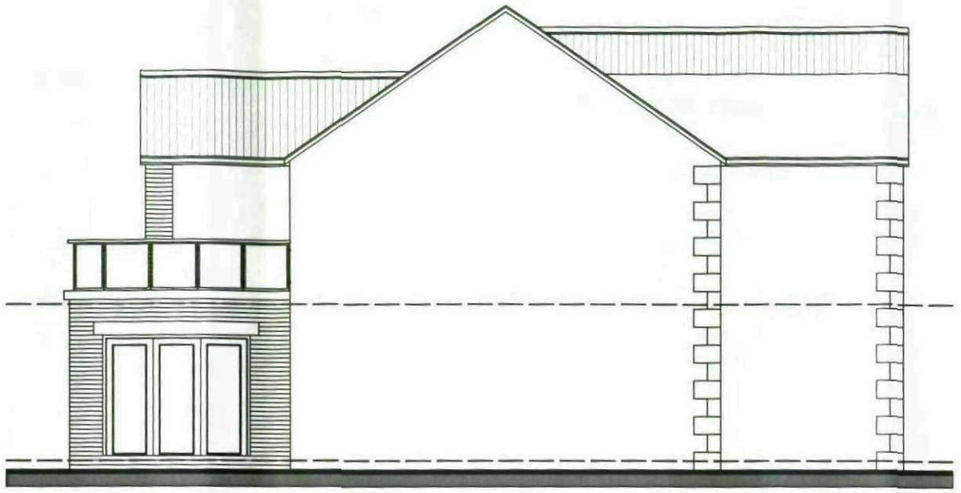
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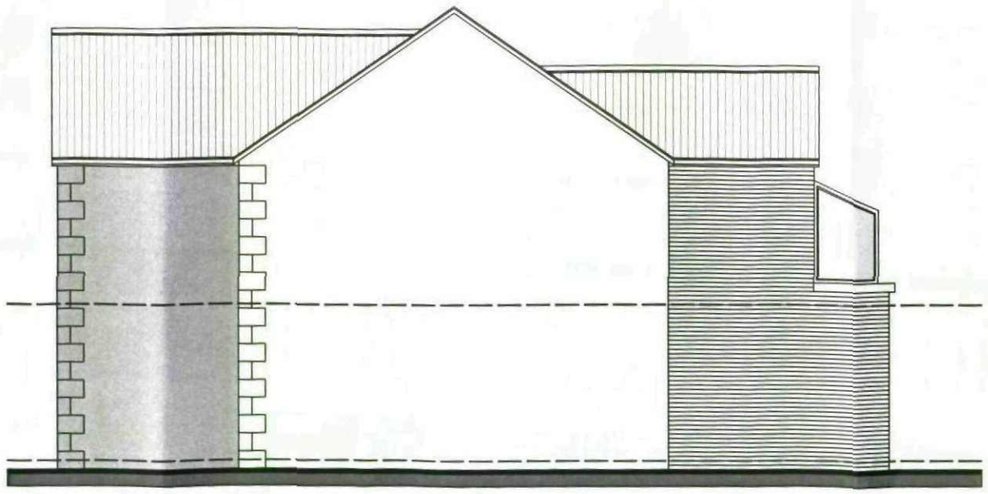
PROPOSED REAR ELEVATION



PROPOSED SIDE ELEVATION



PROPOSED FRONT ELEVATION



PROPOSED SIDE ELEVATION

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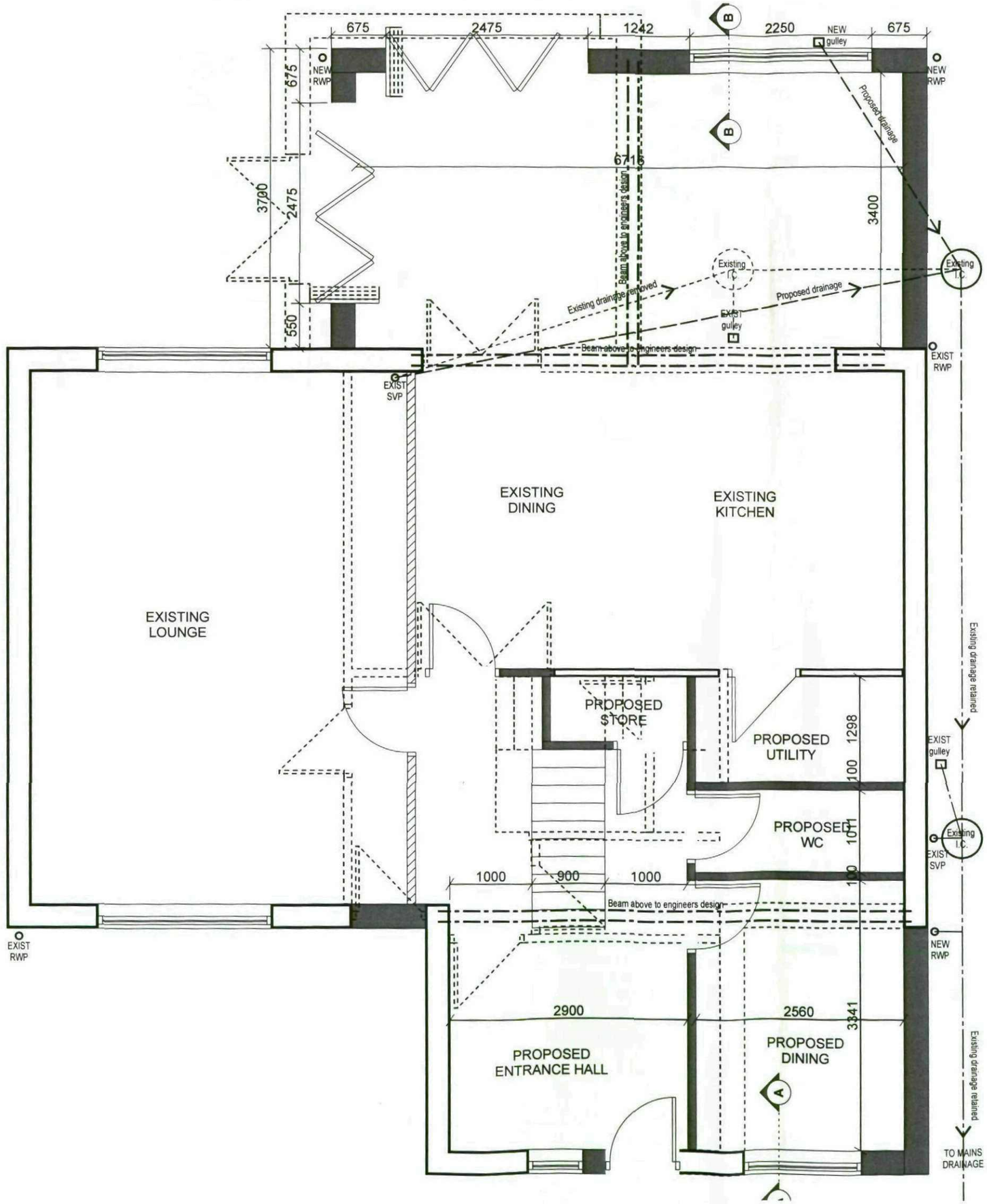
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PROPOSED ELEVATIONS

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PLAN KEY

NOTE: Read in conjunction with relevant specification notes

- Existing doors
- Existing doors removed
- Proposed doors
- FD30S — New 1/2 hour fire rated door with self closing device
- FD60S — New 1 hour fire rated door with self closing device
- SD — Smoke Detector to BS 5839 Part 1
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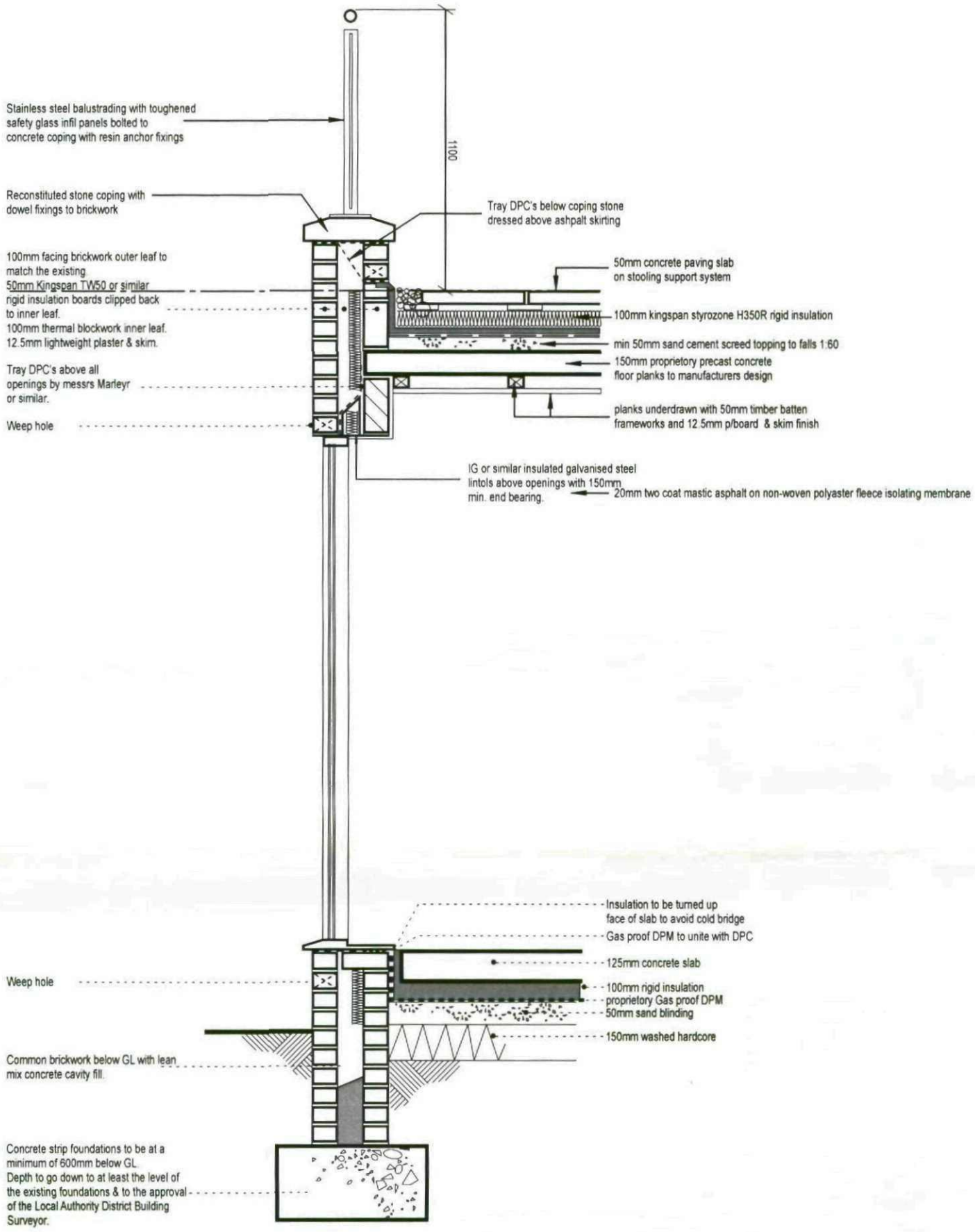
Drawing title

PROPOSED GROUND FLOOR PLAN

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1:50 @ A3	11018/04	A
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B
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PROPOSED SECTION B-B

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PROPOSED SECTION B-B

Scale (s)	1:20 @ A3	Drawing No.	11018/08	Revision	A
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FOUNDATIONS
Concrete strip foundations to be at a minimum of 600mm below GL. and 900mm in clay subsoils
below invert level of adjacent drains within 1000mm radius.
Depth to go down to a level to the approval of the Local Authority District Building Surveyor.
Common brickwork below GL with lean mix concrete cavity fill.
DPC min. 150mm above GL

DRAINAGE
RWP's to soakaway min. 5m away from building. and 4M away from boundary Soakaway to be as BRE digest 365 percolation test to be submitted for approval prior to commencement on site.
100mm square sectioned UPVC gutters & downpipes.
All drainage above ground to comply with part H1 of the current Regs.
WC wastes to be 100mm diam.
Sink wastes to be 40mm diam.
All wastes fitted with anti-vac deep seal traps min. 75mm.
Below ground drainage in 100mm Hepsleeve clayware min. fall 1in60 connected to existing manhole & mains drainage.
SVP's to terminate min. 1000mm above adjacent openings.

MECHANICAL & ELECTRICAL
Mechanical ventilation to be introduced as :-
15 litres/sec at Bathrooms / WC's / en-suites,
30 litres/sec at Utility rooms,
60 litres/sec at kitchens,
All fans with 15min. overrun.
All heating & hot water pipes to be adequately insulated.
Gas boilers to have minimum efficiency rating of 86%.
Combustion appliances and appliances to be identified with robust notice plate.
TRV's fitted to all new radiators
All electrical work required to meet the requirements of Part P (Electrical safety) to be designed, installed, inspected and tested by a person competent to do so. And on completion issue a design, installation & test certificate in accordance with BS7671

EXTERNAL WALLS
100mm natural stone outer leaf
50mm Kingspan TW50 or similar rigid insulation boards clipped back to inner leaf.
100mm thermal blockwork inner leaf.
12.5mm lightweight plaster & skim.
Stainless steel safety wall ties @ 750mm ctrs horizontally & 450mm ctrs vertically & 225mm ctrs at reveals of openings.
Insulated DPC's to reveals of all openings by messrs Damcor or similar.
DPC min. 150mm above ground level.
IG or similar insulated galvanised steel lintols above openings with 150mm min. end bearing.
Tray DPC's above all openings with weepholes to external leaf.
New walls to be toothed and bonded into existing.

WINDOWS & DOORS
UPVC double glazed units with argon filled 16mm cavity and k glass to all windows & doors. to achieve min. U value of 1.8
Opening lights to give 1/20th floor area ventilation & 8000mmsq. background trickle ventilation.
Glazing within 800mm of ffl at windows & within 1500mm of ffl at doors and within 300mm to sides of doors to be glazed with toughened safety glass to BS6206.

INTERNAL WALLS
All new internal walls in 100X50mm SC3 studs @600mm ctrs horizontally & vertically with 12.5mm plasterboard & skim to each side.
100mm rockwool quilt infil.
Double joists to be inserted at position of new walls to accept fixings.

STAIRCASE
Prefabricated timber stair to the manufacturers design
wall mounted handrail to one side of stair 900mm above pitch line.
Balustading 900mm above pitch line of stair designed so as not to allow a 100mm diameter sphere to pass through.
200mm rise & 225mm going.
Tapered treads to reduce to 50mm min. width at tapered ends.
2000mm min. headroom to be maintained

ROOFS
Roof trusses to the manufacturers design & specification TO bs 5268 at 450mm ctrs
Trusses underdrawn with 12.5mm p/board & skim finish.
100X50mm treated timber wall plate strapped down to external wall with stainless steel straps @ 1200mm ctrs.
Slate roof tiles on
38X25mm treated battens on proprietory breathable roofing membrane
150mm code 5 lead flashing at abutments with tray DPC at cavity walls.
Roof trusses strapped to walls at gables with stainless steel straps at 1200 ctrs
to span over 3 trusses minimum.
75x50mm dragon ties to be inseted over corners of hips.

ROOF INSULATION
100mm thick rockwool quilt at void areas between joists with 200mm thick quilt above laid at 90 degrees to bottom layer to achieve 0.16 U value
90mm thick kingspan TP10 rigid roofing insulation between rafters at pitched roofs with 42.5mm thick kingspan kooltherm K18 insultion bonded to plasterboard under rafters to achieve 0.2 w/msq k
U value with 50mm clear airspace above rafters

ROOF VENTILATION
25mm continuous ventilation at eaves soffit with insect mesh.
Proprietory vent flashings to be provided continously at wall abutments with integral code 5 lead flashing.
Proprietory vented ridge tiles to give min. 5mm continuous ventilation.

ELECTRICAL WORK
electrical work to be carried out by an electrical installer who is registered with a competent person's scheme and on completion issue a design, installation & test certificate under BS7671
fixed energy efficient lighting will be installed as one per 25msq of the dwelling
Light fittings to only take lamps to have luminous efficacy greater than 40 lumens per circuit watt

FLOORS (CONCRETE)
75mm MIN sand:cement screed on 150mm thick concrete slab with layer of reinforcement mesh to top & bottom.
75mm thick kingspan rigid flooring insulation
1200 guage visqueen dpm on 50mm thick sand blinding.
150mm thick washed & compacted hardcore.

FLOORS UPPER
25mm thick PT&G floor boarding on 225X50mm SC3 treated timber floor joists @ 450mm ctrs.
joists underdrawn with 12.5mm plasterboard & skim finish.
Joists built into internal and external walls and structural steelwork.
Noggings inserted between joists at 2000mm maximum centres.
Joist strops to provide lateral restraint at every 2m to span over 3 joists and return into cavity
100mm rockwool acoustic insulation quilt between joist
250mm rockwool insulation quilt to achieve a U value of 0.25 w/msq/k
between joists above garage with 2 layers of plasterboard to underside of joists

FIRE PROTECTION / ESCAPE
Smoke alarms will be linked together and will be mains wired with battery back-up provided at each storey within 7.5m of each room.
All new first floor windows to have an escape window 0.33msq clear area at least 750mm high and 450mm wide. and at 900mm above relevent floor level
Exposed steelwork to be protected to half hour min. with 2 layers of p'board.
Garage door to be FD30S with 150mm step down.

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A	May 11	Planning Issue	MS

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9 Lundhill farm Mews,
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S73 0PJ

Client
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Drawing title
PROPOSED SPECIFICATIONS

Scale (s)	Drawing No.	Revision
NTS @ A3	11018/09	A
Date: May 2011		
Drawn By: MS		

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