

# PLANNING APPLICATION NUMBER:P07/1504

Type of approval sought	Full Planning Permission
Ward	ST THOMASS
Applicant	Mr Anokh Singh
Location:	<b>LAND REAR OF 15 ASTON ROAD, DUDLEY, WEST MIDLANDS, DY2 8XR</b>
Proposal	<b>ERECTION OF 11 NO. DWELLINGS</b>
Recommendation Summary:	<b>APPROVE SUBJECT TO A 106 AGREEMENT</b>

## SITE AND SURROUNDINGS

- 1 The application site is located on land between Junction Street and Aston Road. The site is surrounding by housing on it western, southern and eastern sides. Most of the northern boundary adjoins an area of open space,
- 2 The site presently consists of a factory on the eastern part of the site. The western part is presently open and unused with some buildings remaining, Part of the site is also presently used as garden land to No.15 Aston Road. The levels vary on the site with the extreme south eastern part approx 3m lower the majority of the northern and western part of the site.
- 3 The development pattern in the locality is primarily late Victorian terraces, although there are some later detached and semi detached house types are present. The pattern of development in the locality is almost exclusively two-storey.
- 4 The site measures approx. 0.31 hectares.

## PROPOSAL

- 5 This is a planning application for the erection of 11 dwelling houses. Two units, are detached, six are semi detached and three are terraced. All are two-storey, although seven of the plots have additional space within the roof space with dormers to the front elevations. The density of the proposed development is approx 48 dwellings to the hectare. Parking is either to the front, or is to the side. The proposed access, despite the site address is from Junction Street.
- 6 The application is accompanied by a Design and Access Statement, a set of photographs and a protected species survey.
- 7 During the course of the application modifications have been made to the vehicle access and the parking to plot 1 and the proposed pedestrian walkway which provided a link to Aston Road has been deleted.

## HISTORY

<b>APPLICATION No.</b>	<b>PROPOSAL</b>	<b>DECISION</b>	<b>DATE</b>
DB/72/9847	Erection Of One Detached And Pair Semi-Detached Dwellings.	Refused	23/06/1972
DB/72/10617	Residential Development Off Aston Road Dudley (Outline)	Refused	18/10/1972
DB/72/11136	Erection Of Pair Of Semi-Detached Houses.	Granted	16/02/1973
81/52053	Use Of Joinery Workshop As Clothing Manufacturing Workshop.	Granted	05/11/1981
80/51981	Change Of Use Workshop In Builder's Yard To Industrial.	Granted	05/11/1981
87/50094	Continued Use Of Premises For Clothing Manufacture Purposes.	Granted	28/05/1987
91/50517	Application Under Section 73 For Non-Compliance With Condition 02 Of Approval No.	Granted	04-Jul-1991

	87/50094 (Removal Of Temporary Permission/Condition)		
04/0208	Erection of 8 no. 2 bedroom dwellings with new access to highway	Refused	05/08/2004

- 8 04/0208 was for a smaller residential scheme for 8 units which incorporated a smaller area of land than currently proposed. The application was refused on highway/parking, design and amenity grounds.

## PUBLIC CONSULTATION

- 9 2 letters received:-
- Overlooking into house and garden.
  - Development will affect daylight.
  - Parking problems in the area
  - External lighting will cause light pollution
  - Other non-planning issues raised

## OTHER CONSULTATION

- 10 Group Engineer (Development): Amended plans overcome initial objection.
- 11 Head of Public Protection: No adverse comments. (Environmental Health & Air Quality) :Request conditions controlling siting, land contamination and soil gases. (Land Team)
- 12 West Midlands Police: Concerns about alleyway running from Aston Road and a further one along site plot 8 giving access to the rear of houses onto Aston Road. Make suggestions how concerns can be overcome. Also make suggestions about general boundary fencing and security to the proposed houses.
- 13 Childrens Services: No education contributions are required.

## RELEVANT PLANNING POLICY

### Unitary Development Plan

DD1 Urban Design

DD2 Mixed Use

DD4 Development in Residential Areas

DD6 Access and Transport Infrastructure

DD7 Planning Obligations

DD8 Provision of Open Space, Sport and Recreation  
Facilities

DD10 Nature Conservation and Development

UR8 Derelict Land

UR9 Contaminated Land

UR10 Unstable Land

AM1 An Integrated, Safe, Sustainable and Accessible  
Transport Strategy

H1 New Housing Development

H2 Phasing of Housing Development

H4 Housing Mix

H6 Housing Density

LR3 Children's Play Areas

NC1 Biodiversity

NC6 Wildlife Species

NC8 Temporarily Vacant Sites and Nature Conservation

HE1 Local Character and Distinctiveness

EE3 Existing Employment Uses

### Supplementary Planning Guidance/Documents

Supplementary Planning Document on Open Space, Sport and Recreation Provision

Nature Conservation Supplementary Planning Document

Parking Standards and Travel Plans Supplementary Planning Document

New Housing Development Supplementary Planning Document

Design for Community Safety Supplementary Planning Document

## ASSESSMENT

14 The main issues in this case are

- Principle & Policy
- Design & Layout
- Neighbour amenity,
- Access and Parking
- Ecology
- Trees
- Ground Contamination.
- Crime
- Planning Obligations

### Principle and Policy

- 15 The site primarily consists of a former employment site (previously developed land), and as such its reuse has to be assessed against policy EE3 – Existing Employment Uses. The policy generally seeks to resist the loss of employment uses unless the site is no longer viable, provides insufficient accommodation for business users, has access difficulties or adversely affects residential amenity.
- 16 In this case the access to the former employment site is considered to be substandard as it served by a narrow access road way which makes access for larger vehicles difficult if not dangerous. This is coupled by dwellings which are right up against the access road. The use of the access road by larger vehicles would cause unnecessary harm to residential amenity by way of noise and vibration. Therefore the reuse of the site for residential use which would allow the extinguishment of the substandard access and would lead to a material

improvement in highway safety and the amenity of the occupiers either side of the access.

### Design and Layout

- 17 The application site is constrained by its unusual shape and its close proximity of other dwellings, which makes providing a satisfactory layout difficult.
- 18 In terms of the frontage onto Junction Street the provision of a detached house is considered to be acceptable in the context as the immediate dwellings to the north are semi-detached and detached.
- 19 Within the site the layout is generally acceptable with garages set back, with only two plots having frontage parking.
- 20 The design of the house types is fairly simple with steep pitches which generally reflect the character of the Victorian terraces.
- 21 The provision of the pedestrian link via the former access is considered to be appropriate as it integrates the development into the wider area and prevents the development from being an inward looking cul-de-sac.
- 22 The garden sizes are generally acceptable coming in at around 10m to 10.5m at little below the advised standard in PGN3, which has to be assessed against the more recent advice in PPS1 and PPS3 which require a more relaxed approach.

### Access and Parking

- 23 Modifications have been made to the proposed vehicular access onto Junction Street, which would provide sufficient visibility for vehicles entering and leaving the site. The plans have also been modified to ensure garages and parking spaces are of useable dimensions to reduce the risk of on street parking.

## Neighbour Amenity

- 24 The site is surrounded by existing housing on almost all sides and as such privacy and lighting issues are paramount.
- 25 In respect of light I am satisfied that plot 1 meets the Council's adopted 45° (PGN12) code in respect of Junction Street. Similarly, the separation distance from the two storey side elevation of plot 8 to the houses facing onto Aston Road is 18m which more than complies with advice in PGN3. In fact this is an improvement over the present situation where two storey factory buildings are located along the rear boundary of the adjoining gardens. Elsewhere the separation distances are generally at least 21.5m which should not materially affect light to the adjoining dwellings.
- 26 In respect of privacy there is a slight breach of the guidance within PGN3 with a back to back separation distance of 21.5m between plot 11 and 16 Aston Road as opposed to the required 22m. Considering the advice contained within PPS1 and PPS3, coupled with the minor breach there is no material reason to object on this ground.

## Ecology Issues

- 27 The applicant has submitted an ecological assessment as required by the SPD on the matter. The report concludes that bats are using the site for foraging, but there is no evidence that they are roosting in any of the buildings to be demolished. The report states that other non protected species could be present but there was no evidence. The report outlines a number of mitigation measures to encourage bats at the site and also advises that as many of the existing trees and hedges on the site should be retained
- 28 Conditions covering tree protection/retention, new landscaping are proposed and bat mitigation are proposed.

## Trees

- 29 The application site is generally devoid of any substantive tree planting except along parts of the boundary. The only trees which will be required to be removed are a small group of poplars. The loss of these trees would not result in any significant loss of amenity which are generally unsuitable species close to buildings.
- 30 Conditions requiring the retention and protection of other trees on the site together with the provision replacement trees are proposed.

## Crime

- 31 The Police Architectural Liaison Officer (PALO) raised concerns about potential access along the side of plot 8 which would allow access into the rear garden facing the proposed dwelling. The applicant has confirmed no rear access is proposed and that an existing boundary wall is to be retained.
- 32 The PALO's also raised concerns about the existing vehicular access which was to become a pedestrian walkway. This concern has now been eliminated as the access will be incorporated into the garden of 15 Aston Road
- 33 Therefore the proposal would not lead to a potential increase in crime and would comply with the general provisions of the Design for Community Safety SPG.

## Ground Conditions

- 34 Due to the nature of the sites last use the potential for ground contamination is highly probable. Conditions requiring ground investigation reports will be imposed as requested by the Public Protection (PP) team.
- 35 The EP team also requested a condition preventing siting being agreed at this stage. Further clarification from PP advises this is due to the plans showing details of the foundation design. Following discussion with PP they are happy that there are



sufficient controls through the imposition of the standard land contamination and gas conditions coupled with an informative

### Planning Obligations

- 36 The proposal attracts a requirement for a commuted sum paid towards the provision and enhancement of public open space and play areas in the locality. This can be dealt with a legal agreement to accompany the application. The applicant has agreed to this and will be controlled by way of a Grampian style condition. As the application was submitted prior to the adoption of the Planning Obligations Supplementary Planning Document no contributions are required towards local transport, libraries or public realm.

### Other Issues

- 37 The concerns of the neighbour with regards light pollution are noted. However, the installation of security lighting on the outside of residential properties normally are outside the control of the planning system and as such cannot be reasonably be resisted.

## CONCLUSION

- 38 The proposed development is considered to be acceptable from a design point and neighbour amenity point of view, and causes no other material harm. The decision has been taken with regard to policies DD1 DD2 DD4 DD6 DD7 DD8 DD10 UR9 UR10 AM1 H1 H2 H4 H6 LR3 NC1 NC6 NC8 HE1 and EE3.

## RECOMMENDATION

It is recommended that the application be approved subject to:

- a) The development not beginning until a scheme for the submission and approval of a planning obligation to guarantee the provision, maintenance and enhancement of

off-site public open space and play provision submitted to and agreed in writing by the Local Planning Authority.

### Reason for approval

The proposed development is considered to be acceptable from a design point and neighbour amenity point of view, and causes no other material harm. The decision has been taken with regard to policies DD1 DD2 DD4 DD6 DD7 DD8 DD10 UR9 UR10 AM1 H1 H2 H4 H6 LR3 NC1 NC6 NC8 HE1 and EE3.

The decision to grant planning permission has been taken with regard to the policies and proposals in the adopted Dudley UDP (2005) and to all other relevant material considerations.

The above is intended as a summary of the reasons for the grant of planning permission. For further detail on the decision please see the application report.

The development hereby permitted shall be built in accordance with the plans 0442-001A received 7 February 2008, 0442-002A 0442-005A received 8 October 2007, 0442-003B 0442-004B, 00442-006B 00442-007B received 4 December 2008, unless otherwise agreed in writing by the Local Planning Authority.

### Informatives

The design of the foundations to the proposed houses may need to be modified to ensure compliance with conditions 9 and 10.

The applicant is reminded of the recommendations attached to the ecological survey submitted with the planning application.

Buildings are frequently used as roosting sites by bats. Bats and their 'roost' sites are protected under the 1981 Wildlife and Countryside Act and the Habitat Regulations 1994, the latter of which deems them a European Protected Species. It is a criminal offence to recklessly disturb or destroy a bat 'roost'. Where a bat 'roost' is present a licence might be necessary to carry out the works. Further information about species licensing and legislation can be obtained from the Species Licensing Service on 0117 3728000. If evidence of bats is found during works, work should stop immediately and Natural England must be contacted on 01453 764450 for advice on the best way to proceed.

Barn Owls, bats, bat roosts and nesting birds are protected under the 1981 Wildlife and Countryside Act and badgers are protected under the 1992 Badgers Act. If signs of Barn Owls, bats or badgers are found, work should stop whilst English Nature is consulted. In addition, if nesting birds are present, work which might affect them

should not be carried out during the nesting season (approximately March – September).

The site is crossed by a public sewer owned by Severn Trent Water. No works shall commence until the sewer has been diverted with the agreement of the company or other agreement has been entered into.

Conditions and/or reasons:

1. The development hereby permitted shall be begun before the expiration of three years from the date of this permission.
2. Notwithstanding details shown on the approved plans no part of the development hereby permitted shall be commenced until detailed plans and sections showing existing site levels and finished floor levels of the dwellings have been submitted to and approved in writing by the Local Planning Authority and the development thereafter shall only be carried out as approved.
3. No part of the development hereby permitted shall be commenced until a schedule of all materials to be used on the walls and roofs of the buildings has been submitted to and approved in writing by the Local Planning Authority and thereafter the development shall only be constructed in accordance with these details.
4. No part of the development hereby permitted shall be commenced until full details of soft landscaping works have been submitted to and approved in writing by the Local Planning Authority. These details must include, where appropriate, planting plans, written specifications, a schedule of plants including species, plant sizes and proposed numbers/densities and a programme of implementation. Plans must also include accurate plotting of all existing landscape features. The works approved as part of this condition shall be completed within the first planting season following the first occupation of any part of the development Any trees or shrubs planted in pursuance of this permission including any planting in replacement for it which is removed, uprooted, severely damaged, destroyed or dies within a period of five years from the date of planting shall be replaced by trees or shrubs of the same size and species and in the same place unless otherwise agreed in writing by the Local Planning Authority.
5. No part of the development hereby permitted shall be commenced until details of the positions, design, materials and type of boundary treatment or means of enclosure have been submitted to and approved in writing by the Local Planning Authority. No part of the development shall be occupied until these works have been carried out in accordance with the approved details.
6. No development shall take place until there has been submitted, and approved in writing by the local planning authority details of the tree protection measures on site. The details shall include:
  - a. A plan showing the location and identification (with reference to a survey schedule if necessary) of all trees on, or directly adjacent to the development site, that are to be retained during construction. These trees are to be marked with a continuous outline.
  - b. A plan showing the location and identification (with reference to a survey

schedule if necessary) of all the trees on, or directly adjacent to the development site that are to be removed prior to, or during development. These trees are to be marked with a dashed outline.

c. A plan showing the extent of the Root Protection Area, which is to be protected by physical barriers during development. The extent of the area that is to be protected will be calculated in accordance with Clause 5.2 of British Standard BS: 5837 – 2005 'Trees in Relation to Construction – Recommendations'.

d. Design details of the proposed protective barriers to be erected around the trees during development. Any protection barriers should be designed and constructed in accordance with the provisions set out in section 9.2 of British Standard BS:5837 – 2005 'Trees in Relation to Construction – Recommendations'.

7. No development or other operations shall commence on site in connection with the development hereby approved, (including any tree felling, tree pruning, demolition works, soil moving, temporary access construction and or widening, or any operations involving the use of motorised vehicles or construction machinery) until a detailed service and foul and surface water drainage layout has been submitted to and approved in writing by the Local Planning Authority. Such layout shall provide for the long term retention of the trees. No development or other operations shall take place except in complete accordance with the approved service/drainage layout.
8. The development hereby permitted shall not first commence until a scheme for the provision of-  
-Off site public open space and play area improvements has been submitted to and approved in writing by the Local Planning Authority. The scheme shall include the method, timing and arrangements to comply with the Council's policies for the provision of the infrastructure required in connection with the proposed development.
9. Development shall not begin until a comprehensive written site investigation strategy (in a form to be agreed by the local planning authority), has been submitted to and approved by the local planning authority. Such a strategy shall facilitate the identification of methane & carbon dioxide. Where the investigations identify the presence of methane and/or carbon dioxide the development shall not begin until a scheme to protect the development from the effects of such gases has been submitted to and approved by the local planning authority. Such a scheme shall: include provisions for validation monitoring & sampling; be implemented in accordance with the approved details before the development is first occupied; and be retained throughout the lifetime of the development.
10. Development shall not begin until a comprehensive written site investigation strategy (in a form to be agreed by the local planning authority), has been submitted to and approved by the local planning authority. Such a strategy shall facilitate the identification of contaminants and permit the risk based assessment of the development site. Where the investigations identify the presence of contamination, development shall not begin until a scheme to protect the development from the effects of such contamination has been submitted to and approved by the local planning authority. Such a scheme shall: include provisions for validation monitoring & sampling; be implemented in accordance with the approved details before the

development is first occupied; and be retained throughout the lifetime of the development.

11. Prior to the commencement of development details of the stopping up of the vehicular access for vehicular traffic to Aston Road shall be submitted to and approved in writing by the Local Planning Authority. The existing access shall be stopped up for vehicular traffic in accordance with the approved details and shall be implemented before first occupation of any of the approved dwellings. The access shall thereafter be retained as a pedestrian access only and shall be used for vehicular traffic without the express grant of planning permission.
12. The development hereby approved shall not be first occupied until the access, turning and parking areas have been provided in accordance with the approved plans. The access, turning and parking areas shall thereafter be retained for the life of the development.
13. The visibility splays shown on the approved plans shall be kept free of planting, walls, fences or other obstructions which would exceed 600 mm in height.
14. Prior to the commencement of development details of bat mitigation measures shall be submitted to and approved in writing by the Local Planning Authority. The mitigation measures include the details of bat boxes and bat tiles. The mitigation measures shall thereafter be provided in accordance with the approved details and shall thereafter be retained for the life of the development.

**WALL TIES**  
Wall ties to be galvanized mild steel to BS 1243 at 500mm vertical centres. External cavity wall with flexible grommet over where required by manufacturer. Minimum 150 mm end bearing to all steel studs with full lap to be in accordance with BS 5262-2:1997. Particular attention to be given to the use of wall ties in accordance with BRE Good Building Guide.

**ELECTRICAL INSTALLATION**  
In accordance with BS 5958:2002, BS 7671:2007 and BS 5853:2002. Contractor must be ICE certified. Upon completion, the electrical contractor will be responsible for providing a 7671 certificate of compliance to be forwarded to local authority building control, in accordance with Approved Document Part P.

**VENTILATION**  
HABITABLE ROOMS: Provide background trickle ventilation to give an average of 30 litres per hour per room or as follows:  
KITCHEN: Extract fan shall be ventilated to the external air by either:  
1. Mechanical extractor fan over the cooker as a hood to extract at a rate of 30 litres per second (l/s) per second, with a minimum of 60 litres per second, intermittent operation.  
2. Mechanical extract fan with humidistat, capable of extracting 30 litres per second, with background ventilation of 4000 mm<sup>2</sup> background ventilation required.

**HEATING**  
Generally house main heating system to be Gas fired central heating from balanced flow condensing boiler. Radiators to be fitted in each bedroom and living room. Radiators to be located in bedrooms to be approved.

**TELEPHONE**  
Approved terminated internally.

**WALL TIES**  
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**NON LOAD BEARING INTERNAL STUD PARTITIONS**  
All new work shall be in accordance with BS 5262-2:1997. Partitions shall be constructed from 100 mm thick gypsum board on either side of a 50 mm mineral wool quilt and will be finished with plaster and decorative paint. Provide edge and end plates to be in accordance with BRE Good Building Guide.

**ACoustic PARTITIONS**  
Acoustic partitions to be provided between habitable rooms and WCs, with 25 mm mineral wool quilt and 50 mm thick acoustic board over 100 - 3150 Hz range.

**DRAINAGE**  
All drainage to be in accordance with BS 5242:2009, BS 5261:2009 and BS 5262:2009. All drainage shall be to a standard 150 mm diameter trunk main and be in accordance with BRE Good Building Guide.

**SMOKE DETECTORS**  
Self contained smoke alarms are to be fitted on each level to be protected from fire by heat shields or heat resistant covers. They shall be interconnected to a separately wired alarm to be fitted to the distribution board, in accordance with BS 5446:2011 Part 1 and BS 5839-1:2002.

**WINDOWS AND DOORS - exteriorly**  
All new windows and doors to be in accordance with BS 5262-2:1997 and BS 6399:2005. Windows shall be installed in accordance with BRE Good Building Guide. Provide edge and end plates to be in accordance with BRE Good Building Guide.

**DRYING**  
All glazing shall comply with BS 6206 and Part 11 of the BRE Good Building Guide. All glazing shall be installed in accordance with BRE Good Building Guide. Provide edge and end plates to be in accordance with BRE Good Building Guide.

**INTERNAL LOAD BEARING WALLS**  
100 x 75 mm x 2.5 m reinforced concrete block walls to be in accordance with BRE Good Building Guide. Provide edge and end plates to be in accordance with BRE Good Building Guide.

**FOUNDATION**  
Type, design and construction shall be in accordance with BS 5261:2009, BS 5262:2009 and BS 5263:2009. Foundations shall be in accordance with BRE Good Building Guide. Provide edge and end plates to be in accordance with BRE Good Building Guide.

**GROUND FLOOR WASTES**  
(Unless otherwise indicated minimum sizes shall be) 100 UPVC sanitary waste to BGS/SVP, 75 UPVC WC to BGS/SVP, 75 UPVC traps.

**STAIRCASES**  
Timber staircase to BS 485 Part 1:1959 and Approved Document K: of the Building Regulations. Staircases shall be in accordance with BRE Good Building Guide. Provide edge and end plates to be in accordance with BRE Good Building Guide.

**CEILING**  
Generally all ceilings to be in accordance with BS 5262-2:1997 and BS 6840:2005. Ceilings shall be in accordance with BRE Good Building Guide. Provide edge and end plates to be in accordance with BRE Good Building Guide.

**FINISHES**  
Provide two coat plaster or 12.7 plasterboard and skim to stud walls and ceilings. Provide skirting boards, moulded skirting, ARCHITRAVES To match skirting boards.

**PRECASTING**  
Casters to be closed at corners, verges & reveals. Sanitary pipework to be in accordance with BS 5262:2009, BS 5261:2009 and BS 5263:2009. Provide edge and end plates to be in accordance with BRE Good Building Guide.

**SMOKE DETECTORS**  
Self contained smoke alarms are to be fitted on each level to be protected from fire by heat shields or heat resistant covers. They shall be interconnected to a separately wired alarm to be fitted to the distribution board, in accordance with BS 5446:2011 Part 1 and BS 5839-1:2002.

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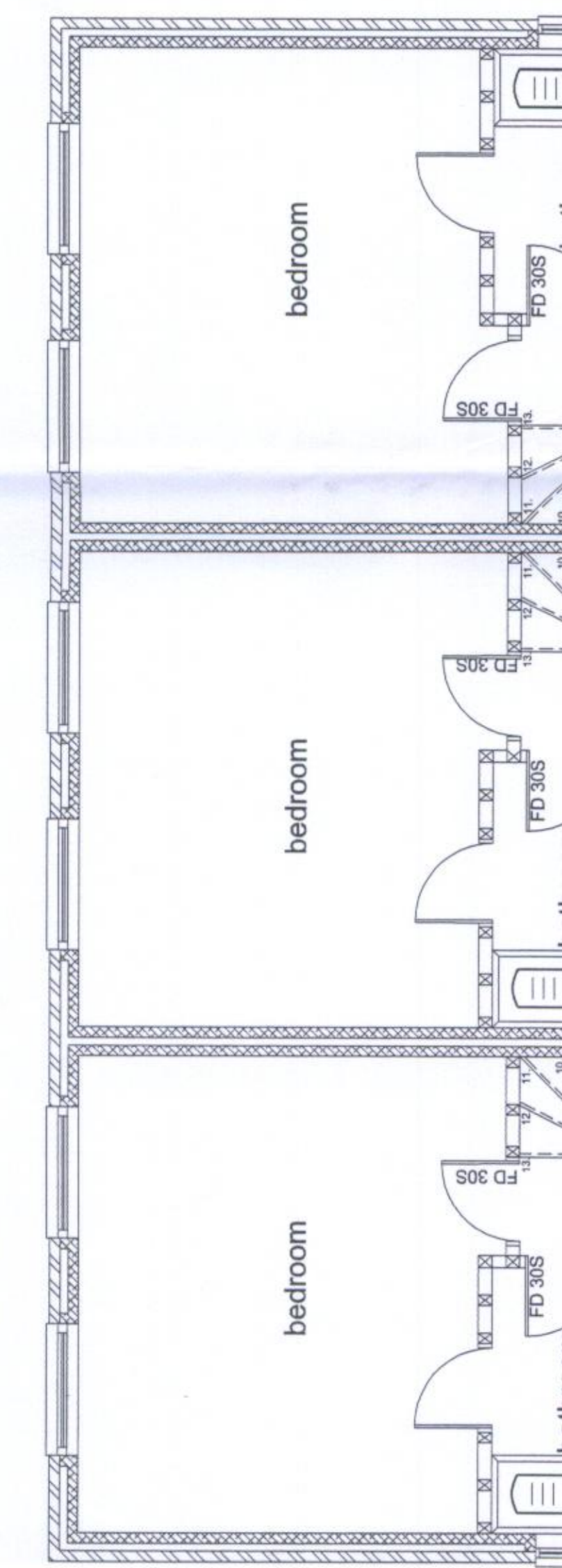
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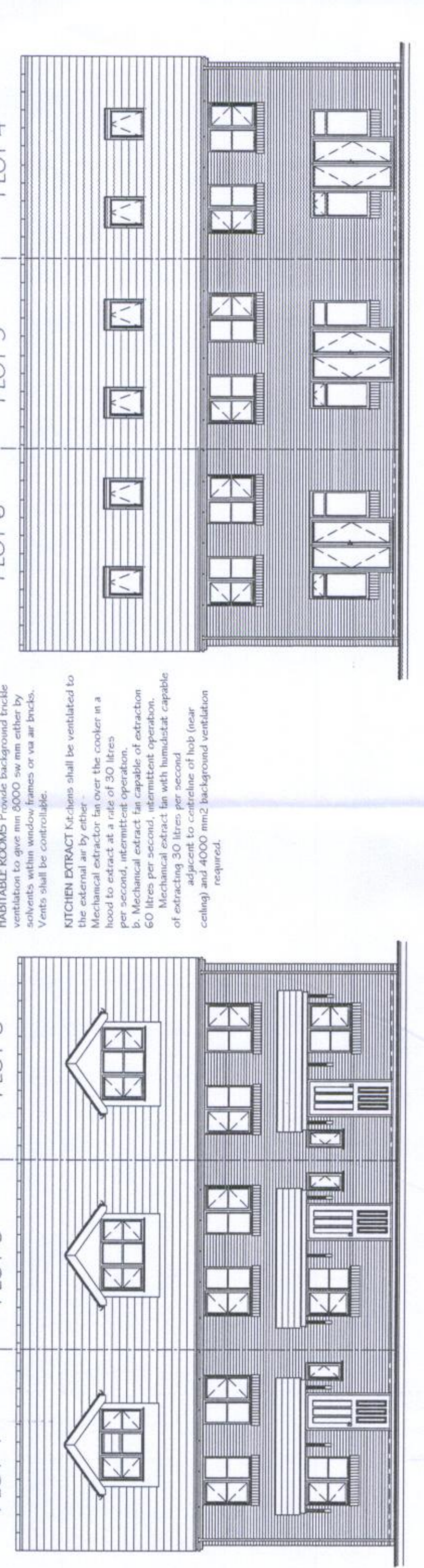
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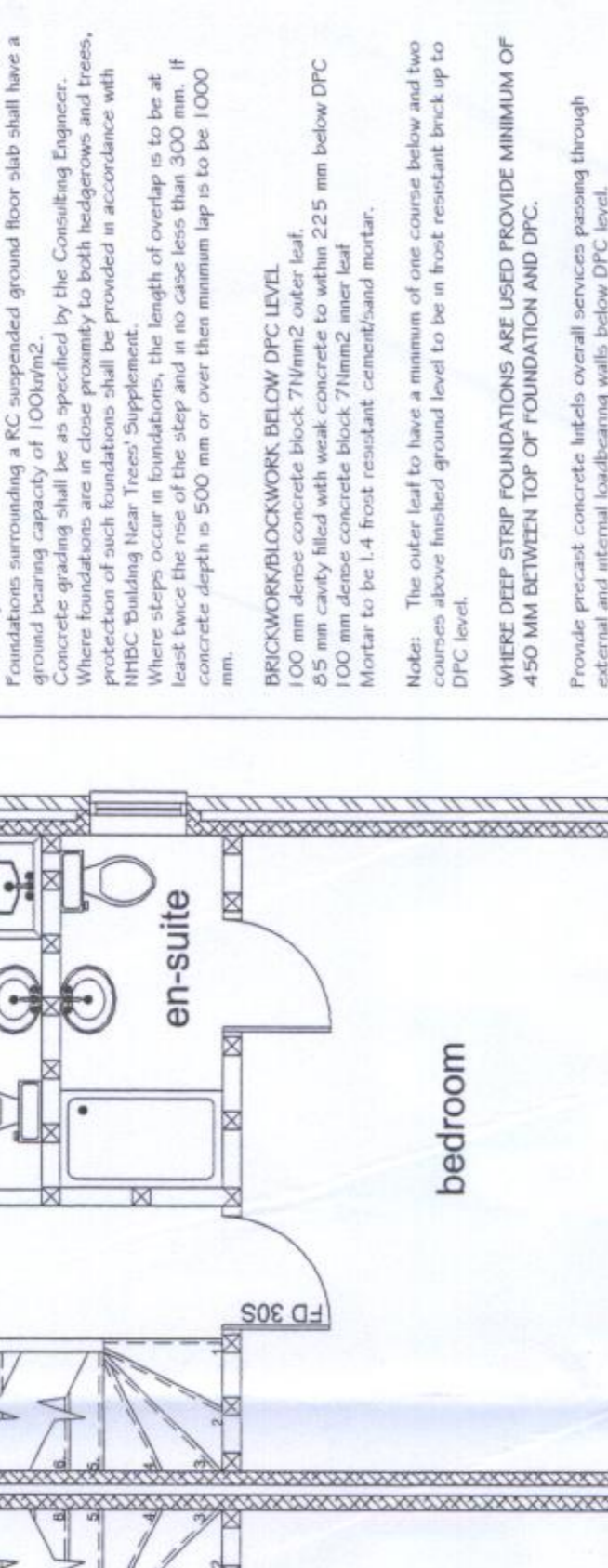
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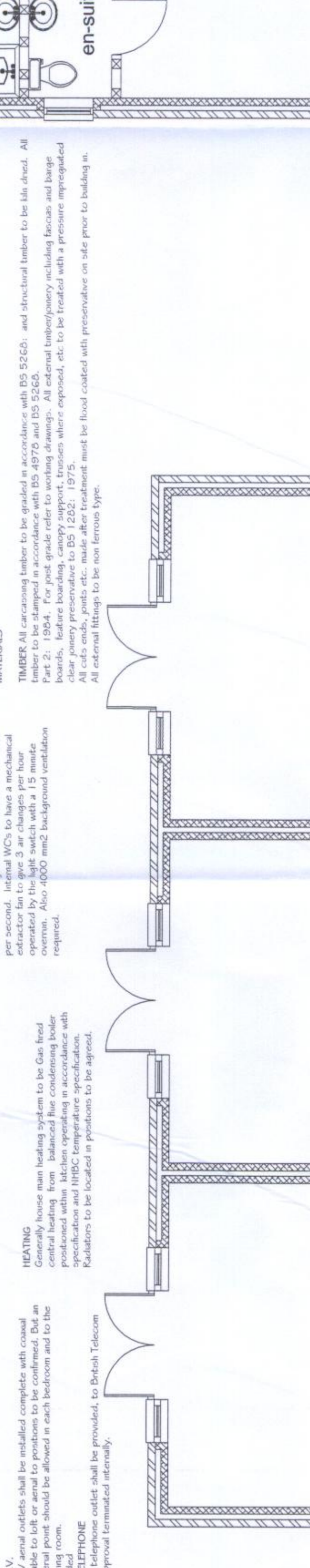
PROPOSED FIRST FLOOR PLAN



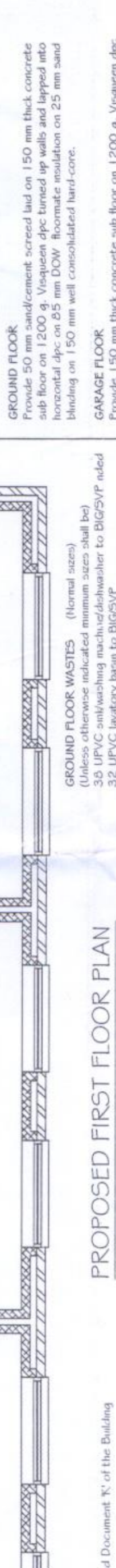
PROPOSED SECOND FLOOR PLAN



PROPOSED FRONT ELEVATION



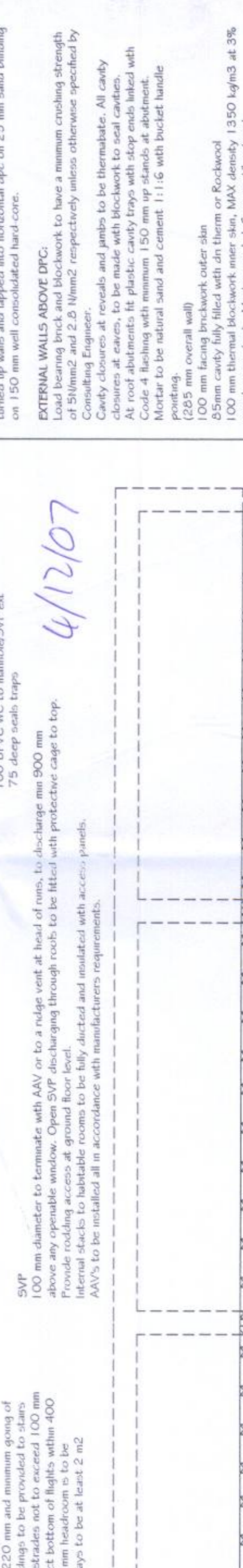
PROPOSED REAR ELEVATION



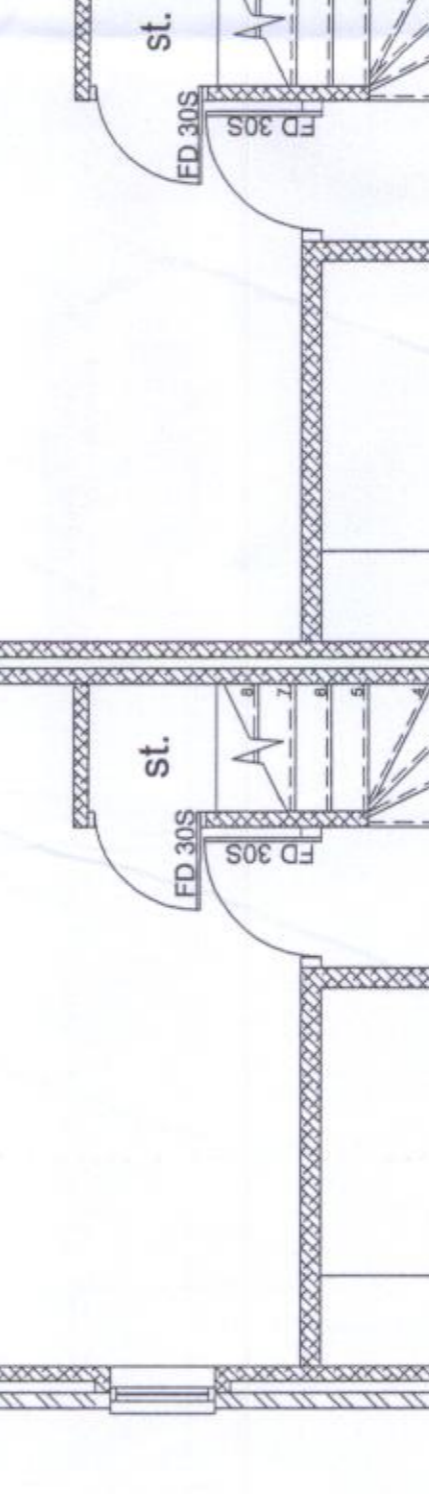
PROPOSED SIDE ELEVATION FACING PLOT 4



PROPOSED SIDE ELEVATION FACING PLOT 6



PROPOSED GROUND FLOOR PLAN



PROPOSED SIDE ELEVATION FACING PLOT 6

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**CEILING**  
Generally all ceilings to be in accordance with BS 5262-2:1997 and BS 6840:2005. Ceilings shall be in accordance with BRE Good Building Guide. Provide edge and end plates to be in accordance with BRE Good Building Guide.

**FINISHES**  
Provide two coat plaster or 12.7 plasterboard and skim to stud walls and ceilings. Provide skirting boards, moulded skirting, ARCHITRAVES To match skirting boards.

**PRECASTING**  
Casters to be closed at corners, verges & reveals. Sanitary pipework to be in accordance with BS 5262:2009, BS 5261:2009 and BS 5263:2009. Provide edge and end plates to be in accordance with BRE Good Building Guide.

**SMOKE DETECTORS**  
Self contained smoke alarms are to be fitted on each level to be protected from fire by heat shields or heat resistant covers. They shall be interconnected to a separately wired alarm to be fitted to the distribution board, in accordance with BS 5446:2011 Part 1 and BS 5839-1:2002.

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**FOUNDATION**  
Type, design and construction shall be in accordance with BS 5261:2009, BS 5262:2009 and BS 5263:2009. Foundations shall be in accordance with BRE Good Building Guide. Provide edge and end plates to be in accordance with BRE Good Building Guide.

**FOUNDATION**  
Type, design and construction shall be in accordance with BS 5261:2009, BS 5262:2009 and BS 5263:2009. Foundations shall be in accordance with BRE Good Building Guide. Provide edge and end plates to be in accordance with BRE Good Building Guide.

**GROUND FLOOR WASTES**  
(Unless otherwise indicated minimum sizes shall be) 100 UPVC sanitary waste to BGS/SVP, 75 UPVC WC to BGS/SVP, 75 UPVC traps.

**STAIRCASES**  
Timber staircase to BS 485 Part 1:1959 and Approved Document K: of the Building Regulations. Staircases shall be in accordance with BRE Good Building Guide. Provide edge and end plates to be in accordance with BRE Good Building Guide.

**CEILING**  
Generally all ceilings to be in accordance with BS 5262-2:1997 and BS 6840:2005. Ceilings shall be in accordance with BRE Good Building Guide. Provide edge and end plates to be in accordance with BRE Good Building Guide.

**FINISHES**  
Provide two coat plaster or 12.7 plasterboard and skim to stud walls and ceilings. Provide skirting boards, moulded skirting, ARCHITRAVES To match skirting boards.

**PRECASTING**  
Casters to be closed at corners, verges & reveals. Sanitary pipework to be in accordance with BS 5262:2009, BS 5261:2009 and BS 5263:2009. Provide edge and end plates to be in accordance with BRE Good Building Guide.

**SMOKE DETECTORS**  
Self contained smoke alarms are to be fitted on each level to be protected from fire by heat shields or heat resistant covers. They shall be interconnected to a separately wired alarm to be fitted to the distribution board, in accordance with BS 5446:2011 Part 1 and BS 5839-1:2002.

**FOUNDATION**  
Type, design and construction shall be in accordance with BS 5261:2009, BS 5262:2009 and BS 5263:2009. Foundations shall be in accordance with BRE Good Building Guide. Provide edge and end plates to be in accordance with BRE Good Building Guide.

**GROUND FLOOR WASTES**  
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Self contained smoke alarms are to be fitted on each level to be protected from fire by heat shields or heat resistant covers. They shall be interconnected to a separately wired alarm to be fitted to the distribution board, in accordance with BS 5446:2011 Part 1 and BS 5839-1:2002.

**FOUNDATION**  
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**FINISHES**  
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**PRECASTING**  
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**FOUNDATION**  
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**STAIRCASES**  
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**CEILING**  
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**FINISHES**  
Provide two coat plaster or 12.7 plasterboard and skim to stud walls and ceilings. Provide skirting boards, moulded skirting, ARCHITRAVES To match skirting boards.

**PRECASTING**  
Casters to be closed at corners, verges & reveals. Sanitary pipework to be in accordance with BS 5262:2009, BS 5261:2009 and BS 5263:2009. Provide edge and end plates to be in accordance with BRE Good Building Guide.

REV.	DATE	DESCRIPTION
B	30/11/07	GARAGE OMITTED FROM PLOT 6
A	02/07/07	FOR COMMENT
REV.		REVISION NOTE

**CLIENT**  
MR. A. SINGH

**PROJECT**  
RESIDENTIAL DEVELOPMENT AT:  
LAND BETWEEN 16-20 JUNCTION STREET,  
DUDDLEY.

**DRAWING TITLE**  
PROPOSED PLOT NO. 4, 5 & 6

SCALE	DATE
1:50 & 1:100	06.07.07

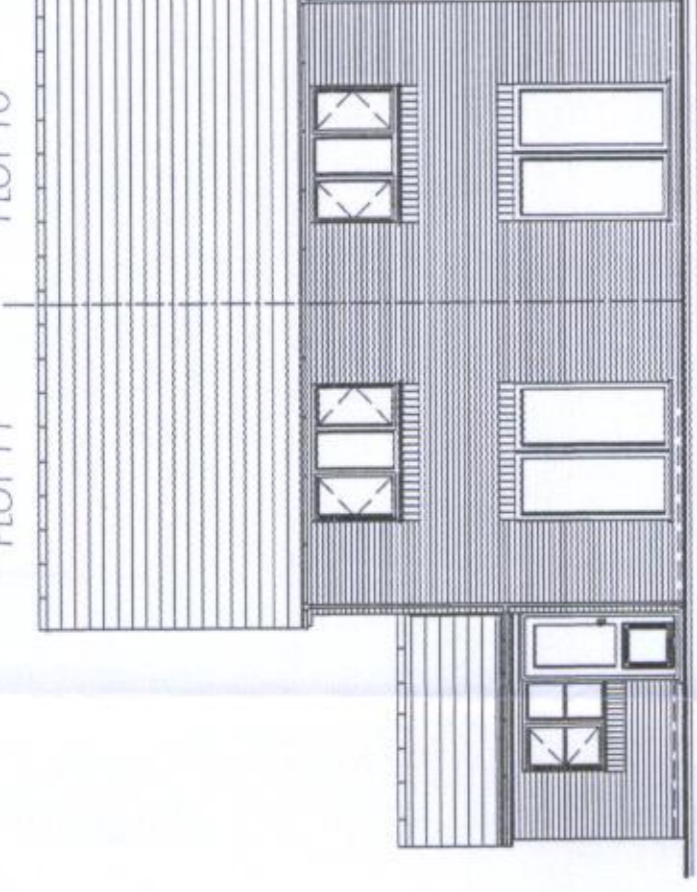
**DRAWING No.**  
O442-003

**REV.**  
B

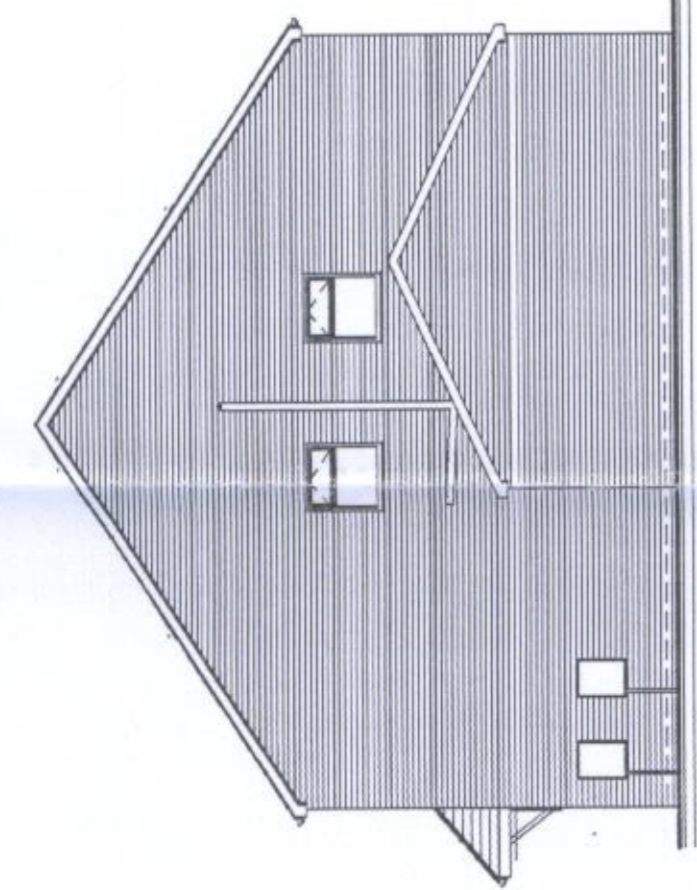


**Dimensions and levels to be checked on site by contractor prior to commencement of work.**

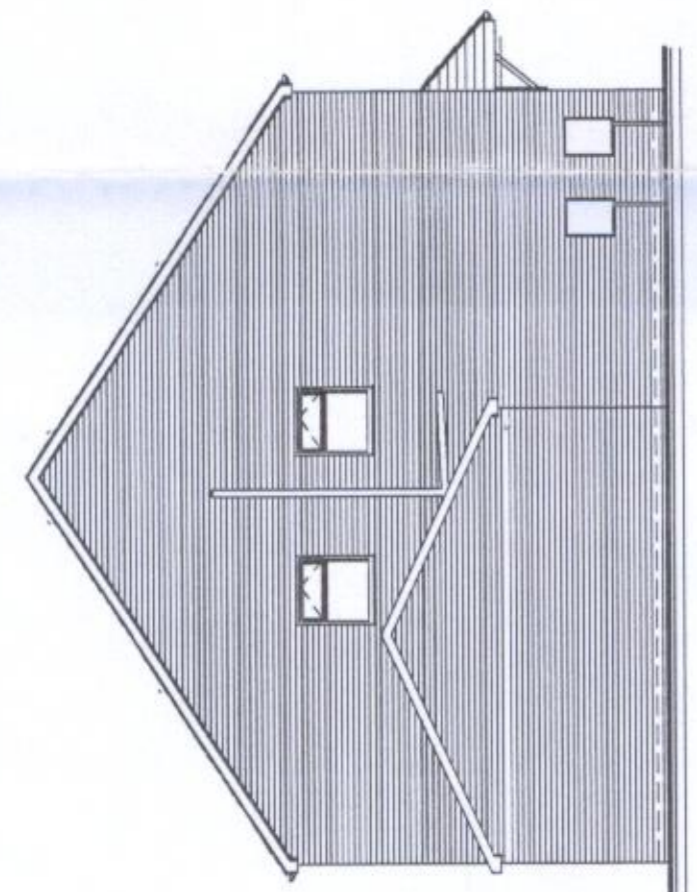
<b>FOUNDATION</b>	Typical and construction all subject to site conditions and in accordance with Engineers recommendations.	<b>CLIENT</b>	<b>MR. A. SINGH</b>
	Strip foundations shall be minimum 200 mm thick and of a minimum length of 1500 mm.	<b>PROJECT</b>	<b>RESIDENTIAL DEVELOPMENT AT: LAND BETWEEN 16-20 JUNCTION STREET, DUDLEY</b>
	Foundations shall be taken down below the worst of the Local drainage and suitable load bearing strata to the satisfaction of the Local Authority.	<b>DRAWING TITLE</b>	<b>PROPOSED FLOOR No. 1, 0 &amp; 1</b>
	Foundations surrounding a RC suspended ground floor slab shall have a ground bearing capacity of 100kN/m2.	<b>PROPOSED FLOOR No. 1, 0 &amp; 1</b>	<b>PROPOSED FLOOR No. 1, 0 &amp; 1</b>
	Concrete girding shall be as specified by the Consulting Engineer.	<b>DATE</b>	<b>02/07/07</b>
	Where steps occur in the foundations they shall be as per the drawings.	<b>FOR COMMIT</b>	<b>30/11/07</b>
	Where steps occur in the foundations they shall be as per the drawings.	<b>REVISION NOTE</b>	
	Where steps occur in the foundations they shall be as per the drawings.	<b>REV.</b>	
	Where steps occur in the foundations they shall be as per the drawings.	<b>DATE</b>	



**PROPOSED FRONT ELEVATION**

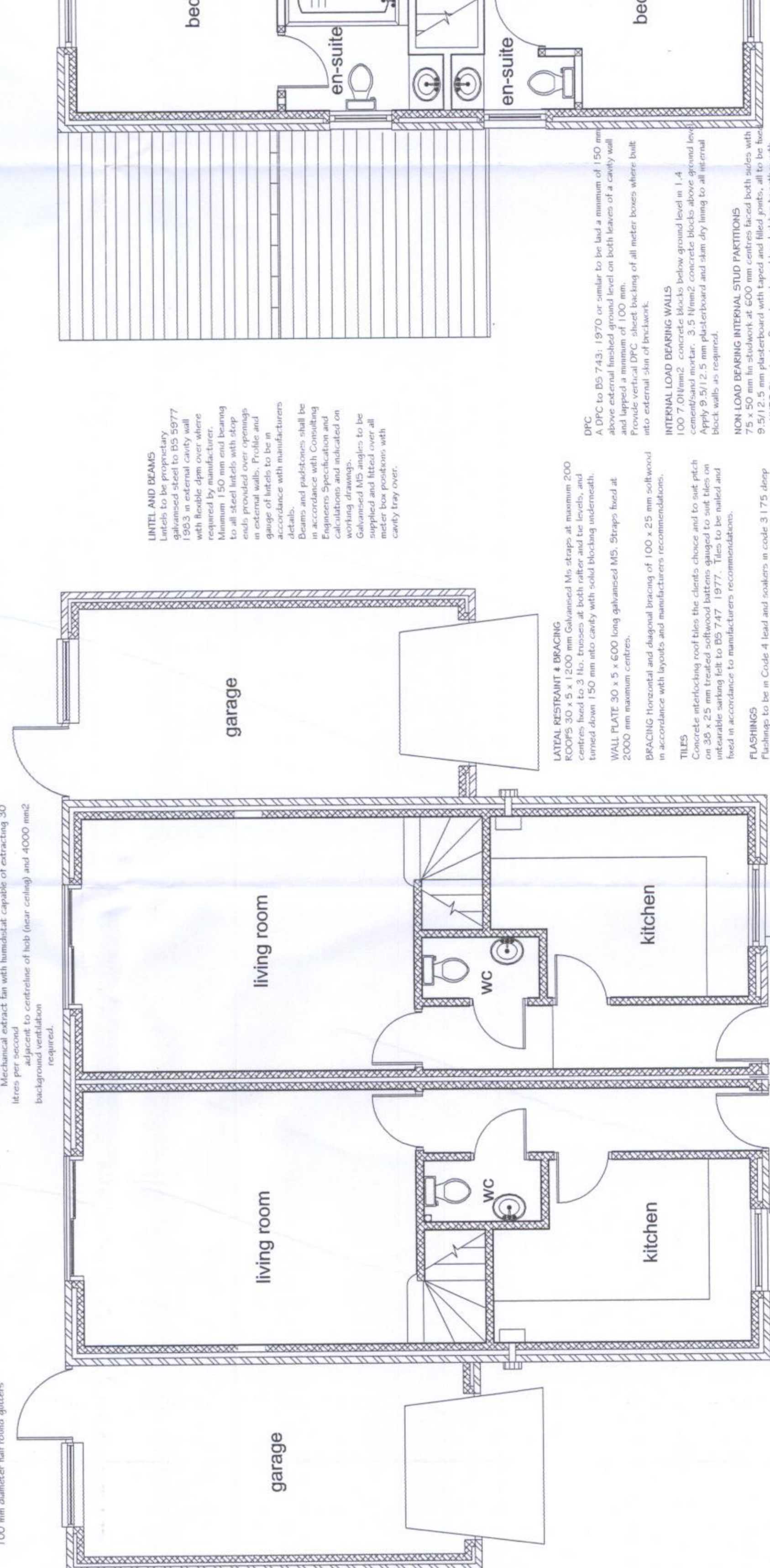


**PROPOSED SIDE ELEVATION FACING PLOT 11**



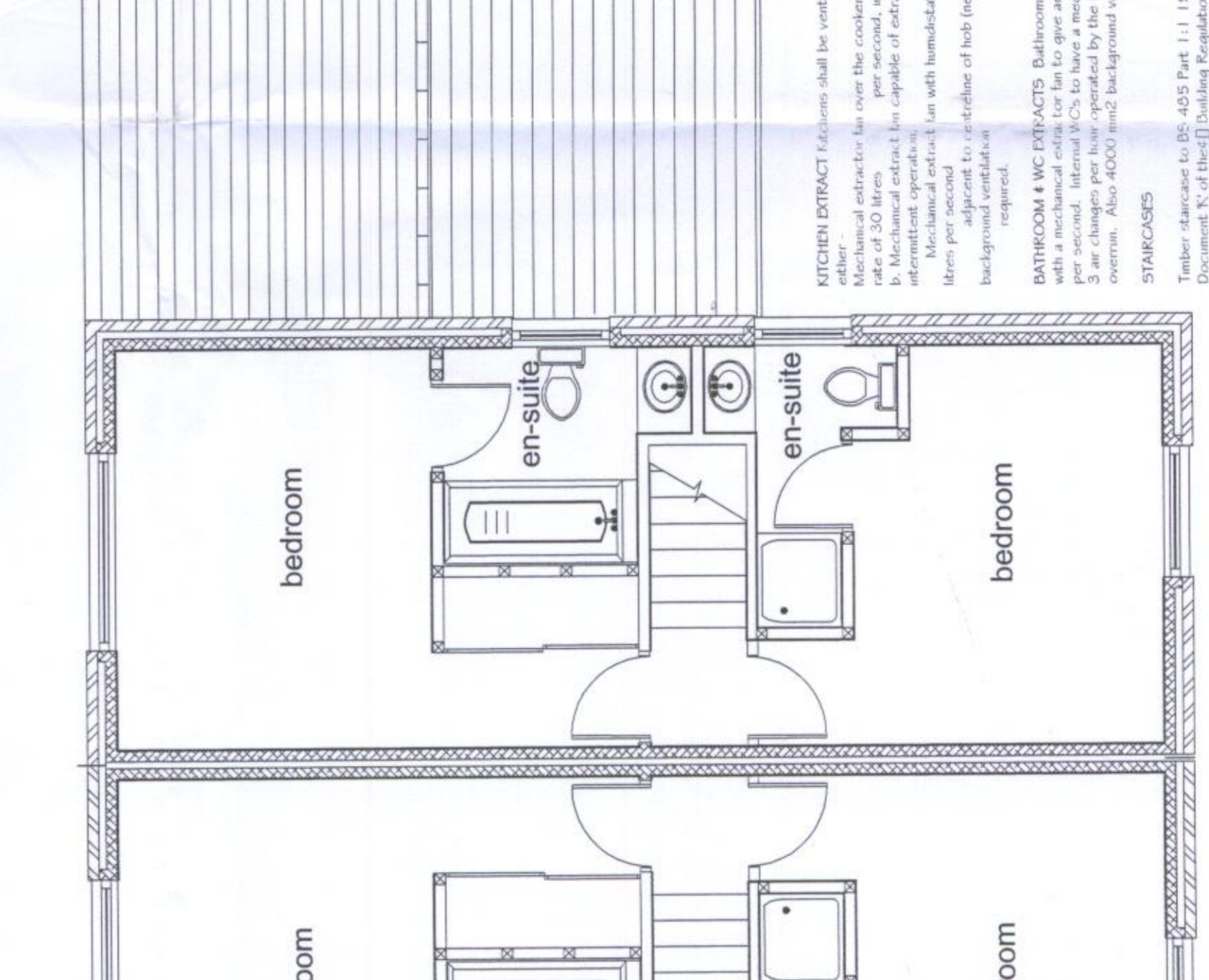
**PROPOSED SIDE ELEVATION FACING PLOT 10**

- GROUND FLOOR WASTES** (Normal rooms)  
 30 UPVC WC to 100 SVP  
 30 UPVC WC to 100 SVP  
 100 UPVC WC to 100 SVP  
 75 deep silt traps
- FIRST FLOOR WASTES** (All combined wastes to be Min 50 diameter)  
 30 UPVC bath, shower  
 100 UPVC WC to 100 SVP  
 75 deep silt traps
- R/W GOODS**  
 100 mm diameter circular above gips  
 100 mm diameter half round gutters
- DRAINAGE**  
 Downpipe and drainage to comply with BS 0301: 1985, all diam passing under walls to be drilled with suitable coarse pre stressed kerb over. Drains to be supported with minimal preformed materials with cast iron covers and frames. Gully C. Drains to be Stormwater drainage as above taken to suitably constructed soakways in rear garden at least 6 m from building. Soakways to be at least 2 m2 capacity flood with no discharge to any other place.  
 b. Mechanical extract fan capable of extraction 60 litres per second, information operators.
- VENTILATION**  
 Habitable rooms Provide background trickle ventilation to give min 20000 m3 air per second, extract fans to be secured and fixed in accordance with the manufacturers specification and minimum recommended angle achieved at all times.
- ACROUSTIC PARTITIONS**  
 Acoustic partitions to be provided between habitable rooms and WC's. Provide on both sides of a party wall and lapped DPC sheet backing of all meter boxes where built into external side of blockwork.
- NON LOAD BEARING INTERNAL STUD PARTITIONS**  
 A DPC to BS 743: 1970 or similar to be laid a minimum of 150 mm below ground level on both sides of a party wall and lapped DPC sheet backing of all meter boxes where built into external side of blockwork.
- INTERNAL LOAD BEARING WALLS**  
 100 7.0 hollow concrete blocks below ground level in 1:4 cement mortar. 3.5 N/mm2 concrete blocks above ground level and 100 7.0 hollow concrete blocks below ground level in 1:4 cement mortar. Provide on both sides of a party wall and lapped DPC sheet backing of all meter boxes where built into external side of blockwork.
- WINDOWS AND DOORS** externally  
 All new windows and doors to be PVC with double glazed sealed units with low-infrared (low-E) glass and argon gas. All windows to be provided with weatherstripping to provide a minimum of 0.500 m2 of floor area. Escapes windows to be provided to first floor of at least 500 width by 800 high, clear opening.
- WALL TIES**  
 Wall ties to be galvanneal mild steel to BS 1243 at 310mm2 vertical spacing. 150 mm diameter, 4500 mm long, with galvanized coating. Additional wall ties to be provided at ground floor and first floor. Additional wall ties to be provided at ground floor and first floor.
- PLASTERING**  
 All walls to be finished with 12.5 mm Gypcrete wallboard fixed at a minimum of 100 mm to 100 mm wall. Plaster to be provided to support all services as required and fixed to the wall where crossing parallel to and between trusses/joints.
- Ceilings**  
 Generally all ceilings to be 12.5 mm Gypcrete wallboard fixed at a minimum of 100 mm to 100 mm wall. Plaster to be provided to support all services as required and fixed to the wall where crossing parallel to and between trusses/joints.
- WALL TIES**  
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- WATER**  
 Cold water supply from local company mains minimum 750 mm below finished ground level rising to building minimum 750 mm from external wall face. Cold water supply to be provided to all rooms. Cold water supply to be provided to all rooms.
- WASTES**  
 Wastes to be carried to external, via a vertical pipe. Wastes to be carried to external, via a vertical pipe.



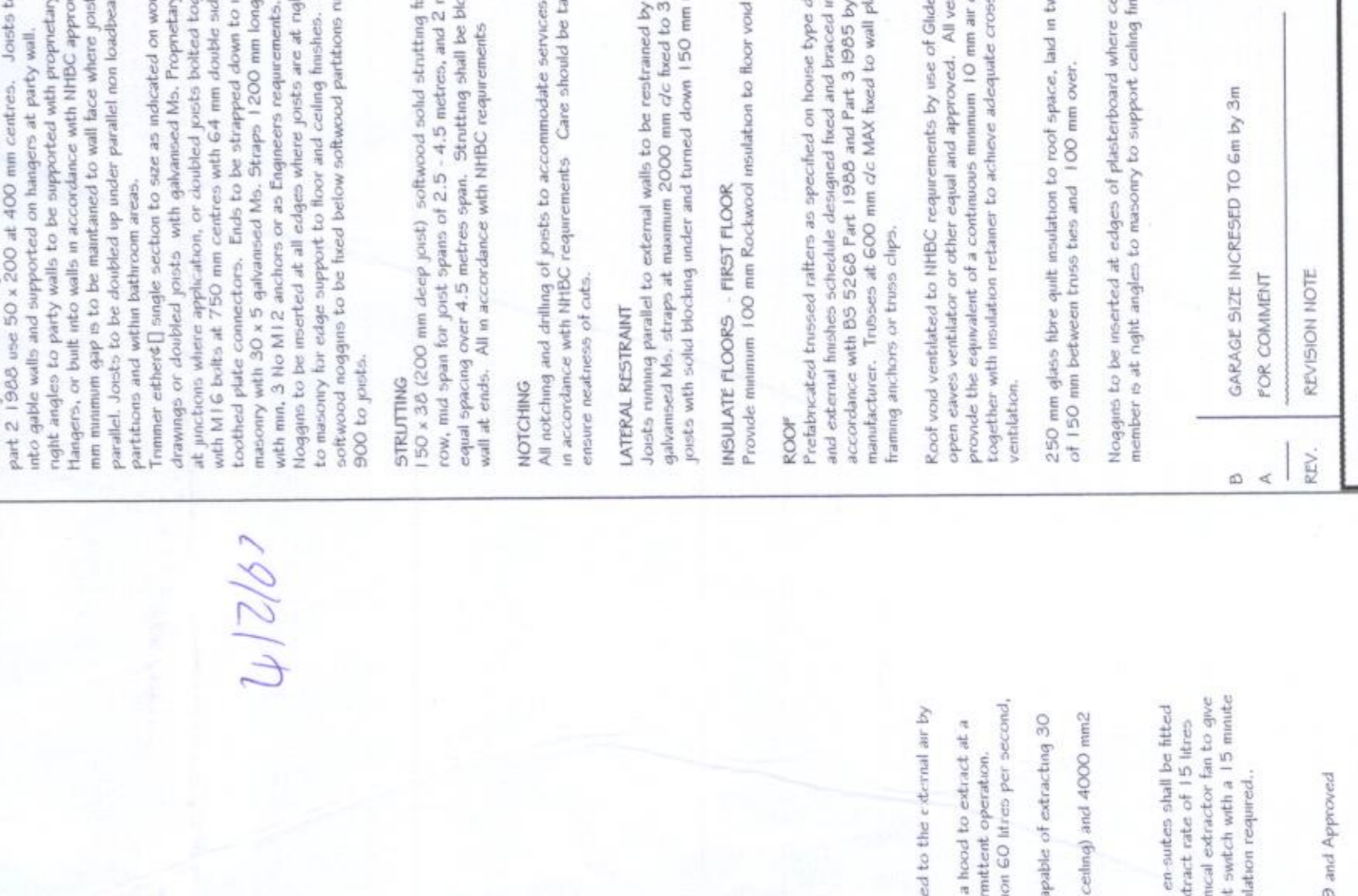
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- WASTES**  
 Wastes to be carried to external, via a vertical pipe. Wastes to be carried to external, via a vertical pipe.
- WINDING**  
 Winding to be provided in accordance with BS 5192: clauses 3, 4 and 5. Winding to be provided in accordance with BS 5192: clauses 3, 4 and 5.
- WALL TIES**  
 Wall ties to be galvanneal mild steel to BS 1243 at 310mm2 vertical spacing. 150 mm diameter, 4500 mm long, with galvanized coating. Additional wall ties to be provided at ground floor and first floor. Additional wall ties to be provided at ground floor and first floor.
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**PROPOSED GROUND FLOOR PLAN**



- WATER**  
 Cold water supply from local company mains minimum 750 mm below finished ground level rising to building minimum 750 mm from external wall face. Cold water supply to be provided to all rooms. Cold water supply to be provided to all rooms.
- WASTES**  
 Wastes to be carried to external, via a vertical pipe. Wastes to be carried to external, via a vertical pipe.
- WINDING**  
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- PLASTERING**  
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- WATER**  
 Cold water supply from local company mains minimum 750 mm below finished ground level rising to building minimum 750 mm from external wall face. Cold water supply to be provided to all rooms. Cold water supply to be provided to all rooms.
- WASTES**  
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**PROPOSED FIRST FLOOR PLAN**



- WATER**  
 Cold water supply from local company mains minimum 750 mm below finished ground level rising to building minimum 750 mm from external wall face. Cold water supply to be provided to all rooms. Cold water supply to be provided to all rooms.
- WASTES**  
 Wastes to be carried to external, via a vertical pipe. Wastes to be carried to external, via a vertical pipe.
- WINDING**  
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**PROPOSED SECOND FLOOR PLAN**

*Handwritten signature and date: 4/12/07*





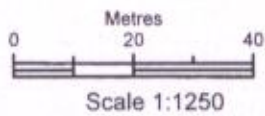
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[www.ordnancesurvey.co.uk](http://www.ordnancesurvey.co.uk)



All dimensions and levels to be checked on site by contractor prior to commencement of work.

**FOUNDATION**

Type, design and construction of all foundations and strip foundations shall be in accordance with the specifications on the drawings. Strip foundations shall have a minimum width of 300 mm and be laid on a minimum of 150 mm compacted hardcore. All foundations shall be laid on a continuous, undisturbed bearing stratum. Where the nature of the stratum is such as to require a minimum depth in excess of 1000 mm, foundations shall be cast in concrete to a depth of 1000 mm below the natural ground level. Foundations shall be provided in accordance with the requirements of the relevant Building Regulations and shall be designed in accordance with the relevant Code of Practice. Foundations shall be provided in accordance with the relevant Code of Practice. Foundations shall be provided in accordance with the relevant Code of Practice.

**BRICKWORK/WORK BELOW DPC LEVEL**

100 mm dense concrete block (7N/m2) outer leaf  
100 mm dense concrete block (7N/m2) inner leaf  
Mortar to be 1:4 front resistant cement/sand mortar.

**WHERE DEEP STRIP FOUNDATIONS ARE LIKED PROVIDE MINIMUM OF 450 MM BETWEEN TOP OF FOUNDATION AND DPC.**

Provide precast concrete beds over soft ground passing through external and internal loadbearing walls into DPC level.

**GROUND FLOOR**

Provide a minimum of 150 mm thick concrete slab (150 mm thick concrete slab) laid on a 100 mm compacted hardcore. Where the nature of the stratum is such as to require a minimum depth in excess of 1000 mm, foundations shall be cast in concrete to a depth of 1000 mm below the natural ground level.

**GARAGE FLOOR**

Provide 150 mm thick concrete slab floor on 1200 g. Vyngem apex lapped into horizontal dpc on 25 mm sand bedding on 150 mm well consolidated hardcore.

**EXTERNAL WALLS ABOVE DPC**

Load bearing brick and blockwork to have a minimum crushing strength of 20 N/mm<sup>2</sup>. Concrete shall be cast in accordance with BS 5328-1:2000. All concrete shall be cast in accordance with BS 5328-1:2000. All concrete shall be cast in accordance with BS 5328-1:2000.

**WALLS**

Mortar to be 1:4 front resistant cement/sand mortar. Concrete shall be cast in accordance with BS 5328-1:2000. All concrete shall be cast in accordance with BS 5328-1:2000. All concrete shall be cast in accordance with BS 5328-1:2000.

**FIRST FLOOR**

Decking 19 mm T & G bearing grade chipboard type V31 5 grade C4 to BS 4999 over a 100 mm compacted hardcore. All deckings shall be fixed to a minimum of 220 mm x 40 mm joists spaced at a maximum of 400 mm. Decking shall be fixed to a minimum of 220 mm x 40 mm joists spaced at a maximum of 400 mm.

**COOLD WATER**

Wholesome supply from local company mains minimum 750 mm from external wall. Cold water supply from local company mains minimum 750 mm from external wall. Cold water supply from local company mains minimum 750 mm from external wall.

**REPLUMBING**

150 mm (300 mm deep) softwood solid joists fixed to a 100 mm compacted hardcore. All joists shall be fixed to a minimum of 220 mm x 40 mm joists spaced at a maximum of 400 mm. All joists shall be fixed to a minimum of 220 mm x 40 mm joists spaced at a maximum of 400 mm.

**NOTICING**

All notching and drilling of joints to accommodate services must be in accordance with the relevant Building Regulations. All notching and drilling of joints to accommodate services must be in accordance with the relevant Building Regulations.

**LATERAL RESTRAINT**

Concrete shall be cast in accordance with BS 5328-1:2000. All concrete shall be cast in accordance with BS 5328-1:2000. All concrete shall be cast in accordance with BS 5328-1:2000.

**INSULATE FLOORS - FIRST FLOOR**

Provide a minimum of 100 mm thick insulating material to floor void. Provide a minimum of 100 mm thick insulating material to floor void. Provide a minimum of 100 mm thick insulating material to floor void.

**ROOF**

Provide a minimum of 100 mm thick insulation to roof space. Provide a minimum of 100 mm thick insulation to roof space. Provide a minimum of 100 mm thick insulation to roof space.

**LATERAL RESTRAINT**

Concrete shall be cast in accordance with BS 5328-1:2000. All concrete shall be cast in accordance with BS 5328-1:2000. All concrete shall be cast in accordance with BS 5328-1:2000.

**INSULATE FLOORS - FIRST FLOOR**

Provide a minimum of 100 mm thick insulation to floor void. Provide a minimum of 100 mm thick insulation to floor void. Provide a minimum of 100 mm thick insulation to floor void.

**ROOF**

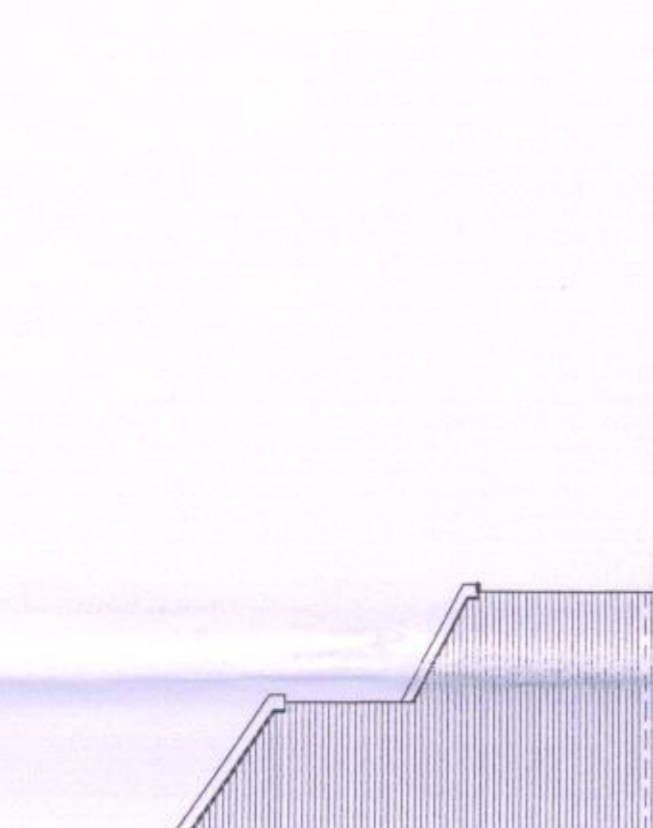
Provide a minimum of 100 mm thick insulation to roof space. Provide a minimum of 100 mm thick insulation to roof space. Provide a minimum of 100 mm thick insulation to roof space.

**LATERAL RESTRAINT**

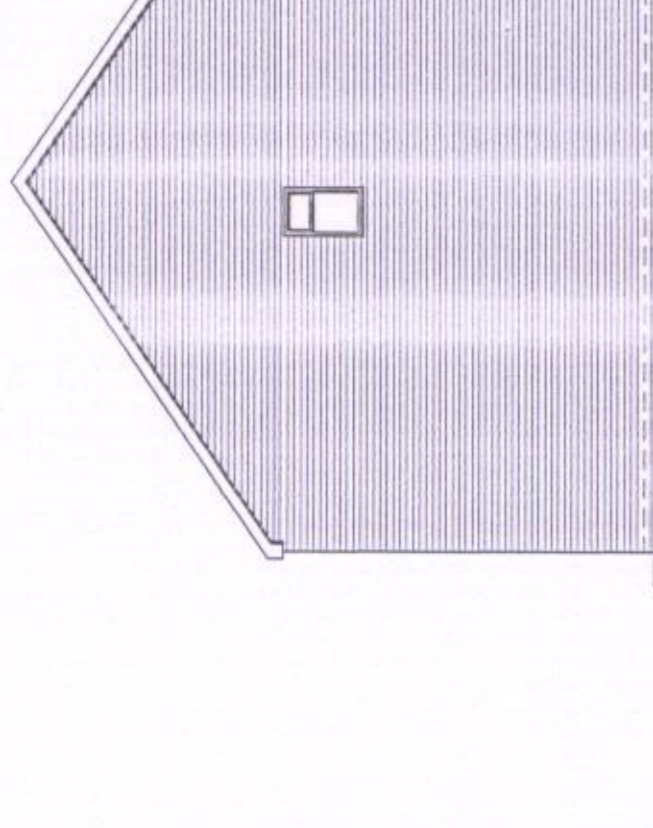
Concrete shall be cast in accordance with BS 5328-1:2000. All concrete shall be cast in accordance with BS 5328-1:2000. All concrete shall be cast in accordance with BS 5328-1:2000.

**INSULATE FLOORS - FIRST FLOOR**

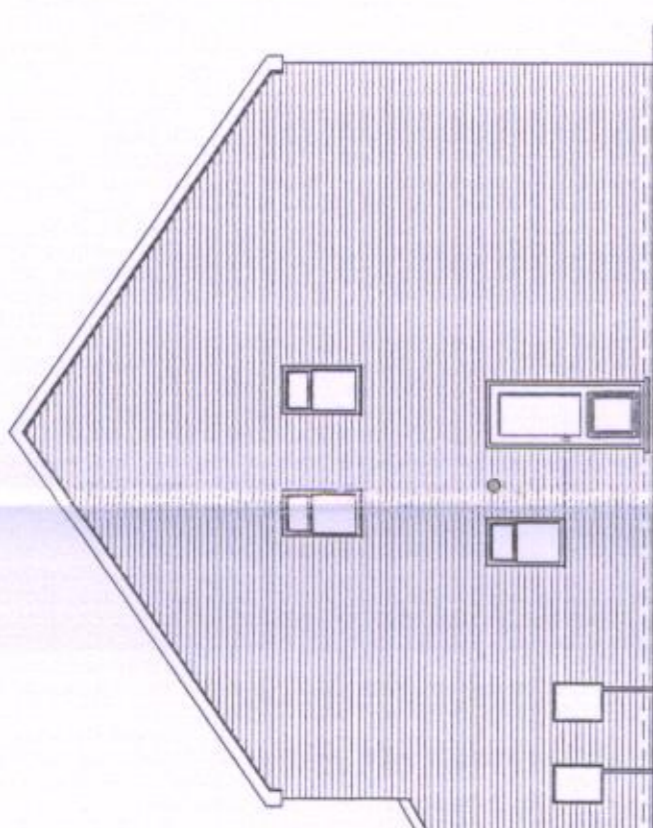
Provide a minimum of 100 mm thick insulation to floor void. Provide a minimum of 100 mm thick insulation to floor void. Provide a minimum of 100 mm thick insulation to floor void.



PROPOSED FRONT ELEVATION



PROPOSED REAR ELEVATION



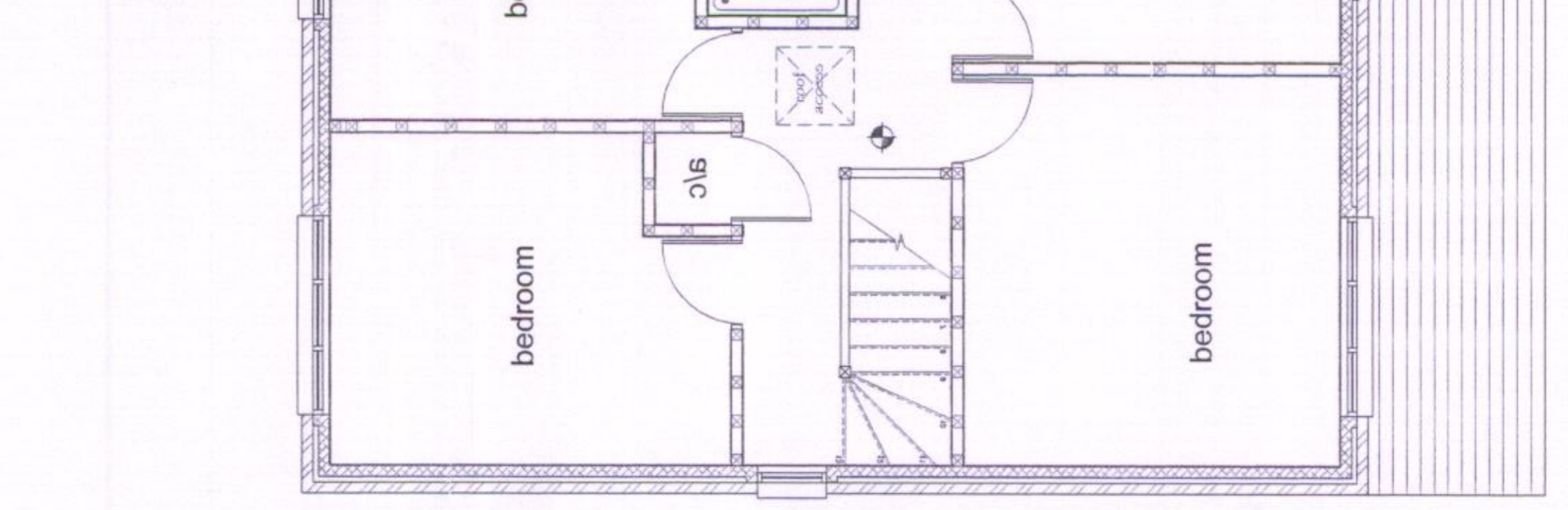
PROPOSED SIDE ELEVATION



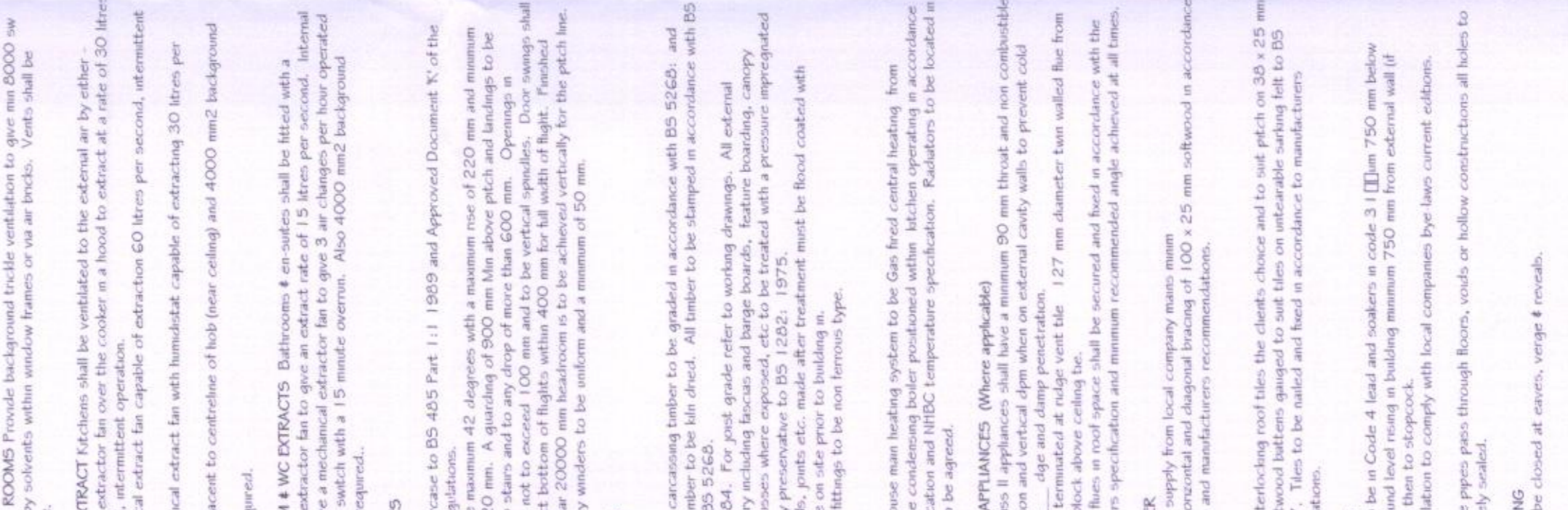
PROPOSED SIDE ELEVATION

RECEIVED OCT 2007

**PROPOSED FIRST FLOOR PLAN**



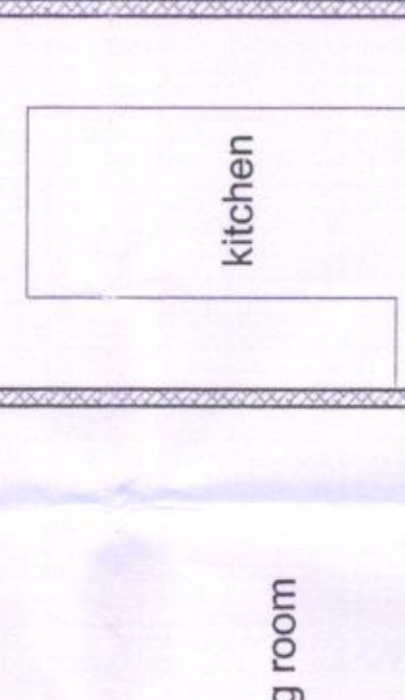
**PROPOSED GROUND FLOOR PLAN**



**PROPOSED SIDE ELEVATION**



**PROPOSED SIDE ELEVATION**



**VENTILATION**  
HABITABLE ROOMS: Provide background trickle ventilation to give a minimum of 30 l/s per room. Mechanical extract fan over the cooker in a hood to extract at a rate of 30 l/s per second. Mechanical extract fan over the bathroom to extract at a rate of 30 l/s per second. Mechanical extract fan over the kitchen to extract at a rate of 30 l/s per second.

**KITCHEN EXTRACT FANS**  
Mechanical extract fan over the cooker in a hood to extract at a rate of 30 l/s per second. Mechanical extract fan over the kitchen to extract at a rate of 30 l/s per second. Mechanical extract fan over the kitchen to extract at a rate of 30 l/s per second.

**BATHROOM & WC EXTRACTS**  
Mechanical extract fan over the bathroom to extract at a rate of 30 l/s per second. Mechanical extract fan over the WC to extract at a rate of 30 l/s per second. Mechanical extract fan over the WC to extract at a rate of 30 l/s per second.

**ROOF**  
Provide a minimum of 100 mm thick insulation to roof space. Provide a minimum of 100 mm thick insulation to roof space. Provide a minimum of 100 mm thick insulation to roof space.

**WALLS**  
Mortar to be 1:4 front resistant cement/sand mortar. Concrete shall be cast in accordance with BS 5328-1:2000. All concrete shall be cast in accordance with BS 5328-1:2000. All concrete shall be cast in accordance with BS 5328-1:2000.

**FIRST FLOOR WASTES**  
38 UPVC softwashing mac bristled brush to BS 5445  
32 UPVC laundry basket to BS 5445  
75 deep soil trap

**FOUNDATION**  
Type, design and construction of all foundations and strip foundations shall be in accordance with the specifications on the drawings. Strip foundations shall have a minimum width of 300 mm and be laid on a minimum of 150 mm compacted hardcore.

**BRICKWORK/WORK BELOW DPC LEVEL**  
100 mm dense concrete block (7N/m2) outer leaf  
100 mm dense concrete block (7N/m2) inner leaf  
Mortar to be 1:4 front resistant cement/sand mortar.

**WHERE DEEP STRIP FOUNDATIONS ARE LIKED PROVIDE MINIMUM OF 450 MM BETWEEN TOP OF FOUNDATION AND DPC.**  
Provide precast concrete beds over soft ground passing through external and internal loadbearing walls into DPC level.

**GROUND FLOOR**  
Provide a minimum of 150 mm thick concrete slab (150 mm thick concrete slab) laid on a 100 mm compacted hardcore. Where the nature of the stratum is such as to require a minimum depth in excess of 1000 mm, foundations shall be cast in concrete to a depth of 1000 mm below the natural ground level.

**GARAGE FLOOR**  
Provide 150 mm thick concrete slab floor on 1200 g. Vyngem apex lapped into horizontal dpc on 25 mm sand bedding on 150 mm well consolidated hardcore.

**EXTERNAL WALLS ABOVE DPC**  
Load bearing brick and blockwork to have a minimum crushing strength of 20 N/mm<sup>2</sup>. Concrete shall be cast in accordance with BS 5328-1:2000. All concrete shall be cast in accordance with BS 5328-1:2000. All concrete shall be cast in accordance with BS 5328-1:2000.

**WALLS**  
Mortar to be 1:4 front resistant cement/sand mortar. Concrete shall be cast in accordance with BS 5328-1:2000. All concrete shall be cast in accordance with BS 5328-1:2000. All concrete shall be cast in accordance with BS 5328-1:2000.

**FIRST FLOOR**  
Decking 19 mm T & G bearing grade chipboard type V31 5 grade C4 to BS 4999 over a 100 mm compacted hardcore. All deckings shall be fixed to a minimum of 220 mm x 40 mm joists spaced at a maximum of 400 mm.

All dimensions and levels to be checked on site by contractor prior to commencement of work.



NOV 7/2/2008  
PO7/1504  
Amendment

c.	Revised after Highways comments	06/12/07
b.	Revised after Planning requirements	29/11/07
a.	FOR COMMENT	02/07/07
REV.	REVISION NOTE	DATE

CLIENT	MR A. SINGH		
PROJECT	RESIDENTIAL DEVELOPMENT AT: LAND BETWEEN 16-20 JUNCTION STREET, DUDLEY		
DRAWING TITLE	PROPOSED SITE PLAN		
SCALE	1:200	DATE	02.07.07
DRAWING NO.	0442-001		REV.
			A

PROPOSED SITE PLAN

