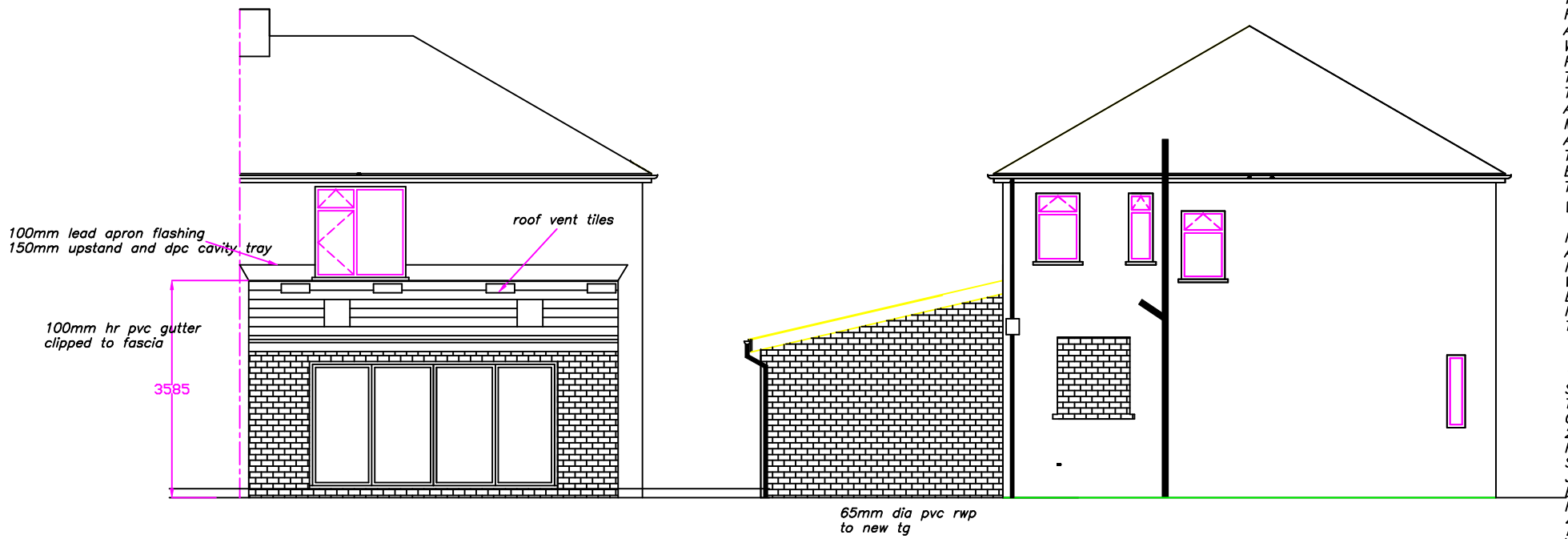


PROPOSED REAR ELEVATION

PROPOSED SIDE ELEVATION

ELECTRICAL SPECIFICATION
THE INSTALLATION WILL BE DESIGNED,INSTALLED,INSPECTED AND TESTED TO THE STANDARDS REQUIRED BY PART'P' OF THE BUILDING REGULATIONS.
A'COMPETANT' ELECTRICIAN WILL UNDERTAKE THE WORK AND AN INSTALLATION CERTIFICATE WILL BE PROVIDED.
PRIOR TO COMMISSIONING THE INSTALLATION WILL BE TESTED BY AN ELECTRICIAN COMPETANT IN TESTING HOLDING A SUITABLE QUALIFICATION.
TESTING WILL BE COMPREHENSIVE WITH TESTS FOR CONTINUITY,AND EARTH LOOP IMPEDANCE.
ANY INSTALLATION UNDERTAKEN BY SOMEONE WHO IS NOT REGISTERED WITH NICEIC OR ECA MUST PROVIDE AN INSTALLATION CERTIFICATE TOGETHER WITH A TEST CERTIFICATE PREPARED BY A MEMBER OF THE NICEIC OR ECA.
THE PROPOSED DOMESTIC ELECTRICAL INSTALLATION WILL BE INSTALLED IN ACCORDANCE WITH BS 7671 AND THE CURRENT 17th EDITION OF THE WIRING REGULATIONS.
THE BEST PRACTISE ENDORSED WITH THE IEE ON SITE GUIDE WILL BE APPLIED.
WORK TO HEATING/HOT WATER SYSTEM BY GAS SAFE REGISTERED PLUMBER.

NEW DOUBLE GLAZED WINDOWS TO HAVE INNER PANE OF 'K' GLASS AND MINIMUM GAP BETWEEN PANES 20mm.argon filled Uvalue 1.6
NEW BEDROOM WINDOWS TO HAVE ESCAPE WINDOW 0.33M2 WITH MINIMUM WIDTH OF ESCAPE WINDOW 450mmx800mm height.
BEAM OVER NEW EXTERNAL WINDOWS AND DOORS CATNIC COMBINED LINTOLS.
NEW GLAZING IN CRITICAL LOCATIONS TO COMPRISE TOUGHENED SAFETY GLASS TO BS6206

1) AREAS WITH DIFFERING HEATING NEEDS SUCH AS SEPARATE SLEEPING AND LIVING AREAS SHOULD HAVE INDIVIDUAL TEMPERATURE CONTROL–BY USE OF ROOM THERMOSTATS OR INDIVIDUAL RADIATOR VALVES.
2)SEPARATE TIMING CONTROLS SHOULD BE PROVIDED FOR SPACE HEATING AND HOT WATER(EXCEPT FOR COMBINATION BOILERS AND SOLID FUEL APPLIANCES.
3)BOILER CONTROLS MUST INCLUDE PROVISION TO PREVENT THE BOILER OPERATION WHEN NEITHER THE SPACE HEATING SYSTEM NOR THE HOT WATER SYSTEM REQUIRES HEAT.
4)THE NEW BOILER SHOULD HAVE A SEDBUCK RATING OF 86%
5)ALL HEATING AND HOT WATER SYSTEMS NEED TO BE FULLY COMMISSIONED AND CERTIFICATION PROVIDED.
6)INSTRUCTIONS FOR ALL RELEVANT CONTROLS ARE TO BE GIVEN TO THE OWNER.

75% OF NEW LIGHT FITTINGS TO BE OF THE TYPE THAT WILL ONLY ACCEPT ENERGY EFFICIENT LAMPS

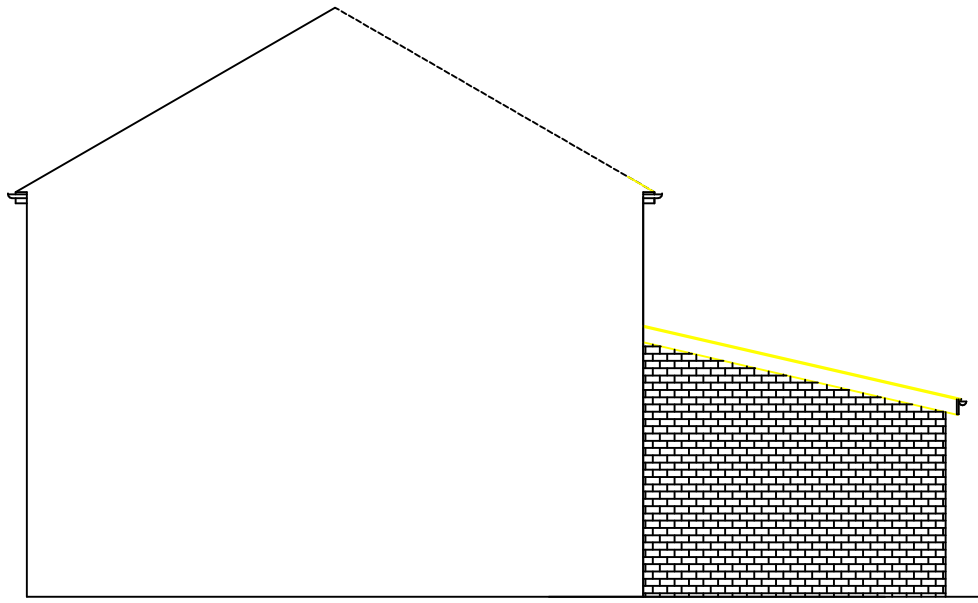
NEW ELECTRICAL SWITCHES AND SOCKETS TO BE LOCATED WITHIN A ZONE BETWEEN 450mm & 1200mm FROM THE FINISHED FLOOR LEVEL..

ROBUST METHODS OF CONSTRUCTION TO BE ADOPTED.

INSULATED DPCS TO BE USED ON WINDOW AND DOOR REVEALS.



EXISTING FRONT ELEVATION



PROPOSED SIDE ELEVATION

GENERAL NOTES
1. Vertical and horizontal dpc's to all cavity closures
2. Windows to open 1/20th room floor area along with controllable trickle vents with an equivalent area of 5000mm2. where opening restrictors are to be provided the opening lights are to be increased in size to 1/10th of the room floor area.
wet room areas to be provided with mechanical extract ventilation using the following extract rates:–
kitchen–30 litres/sec adjacrent to hob or
60 litres/sec elsewhere
utility room–30 litres sec
bathroom–15 litres/sec.
3. Steelwork to be 1/2 hour fire protected, encased in 20mm plasterboard and skim, 2mm wire binding at 100mm pitch
4. New brickwork to match and key into existing
5. Roof and floors to be tied down to walls with 30mm x 5mm ms straps at 2000mm ccs.
6. R.C. lintels over drains passing through walls
7. Any undersight drainage to be exposed and encased in 150mm pea gravel, flexible jointed and have rodding access provided to L.A. approval.
8. Brick infill between joists 25mm clearance from underside of roof
9. Foundations to regulation A1/A2
10.Exterior quality timber to facias
11.All cavities to be continuous
12.Air bricks ducted through wall cavity
13.Padstones to all steelwork
14.All plumbing to comply with B.S.5572
15.Cavity barriers (9mm masterboard or brick on edge
16.Foundations within 900mm of drains to be taken down to drain invert level
17.Depth of foundations to be taken to suitable sub–stratum irrespective of dimensions shown on drawing
18.Cross flow ventilation to be provided to roof space in accordance with B.S.5250 : 1989 clause 9.1

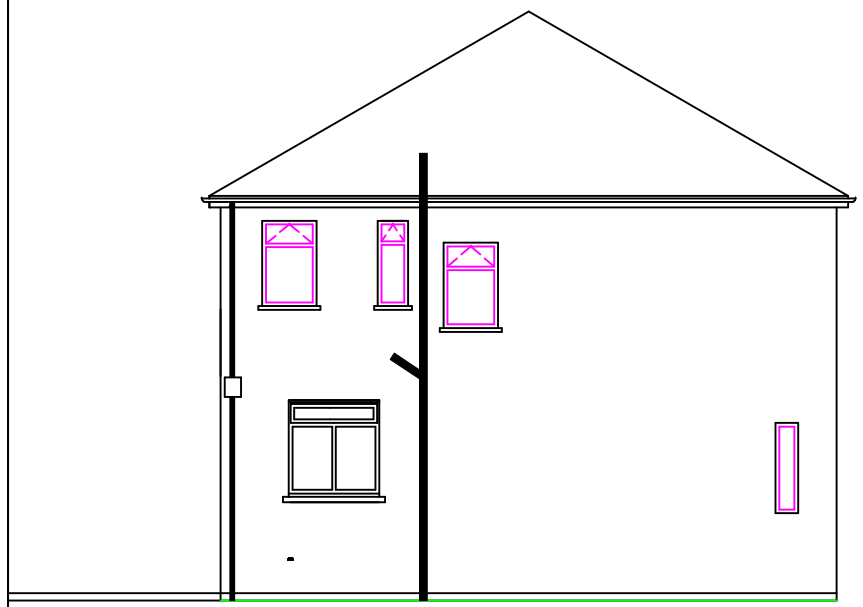
Proposed Rear Extension at 11,Northfield Road, New Moston,Manchester for Mrs.Stephany Ashley

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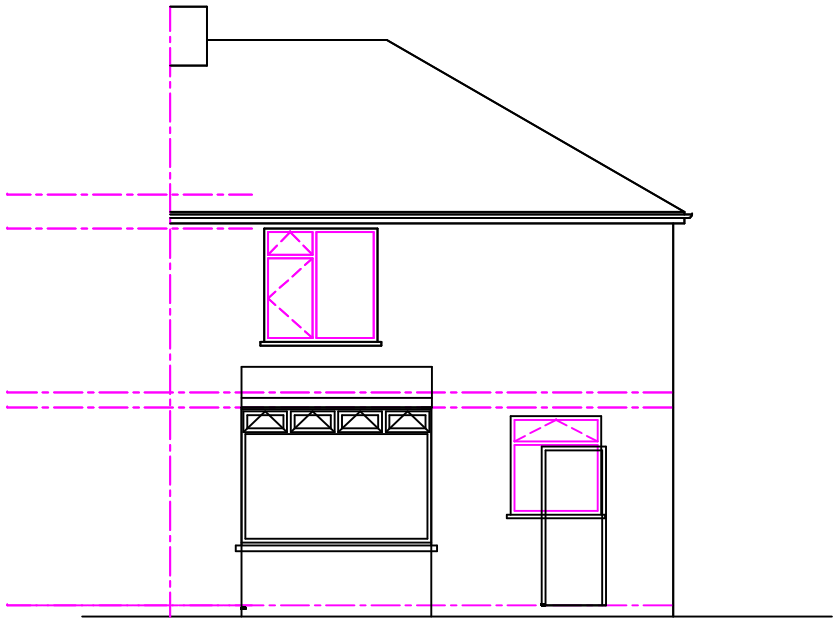
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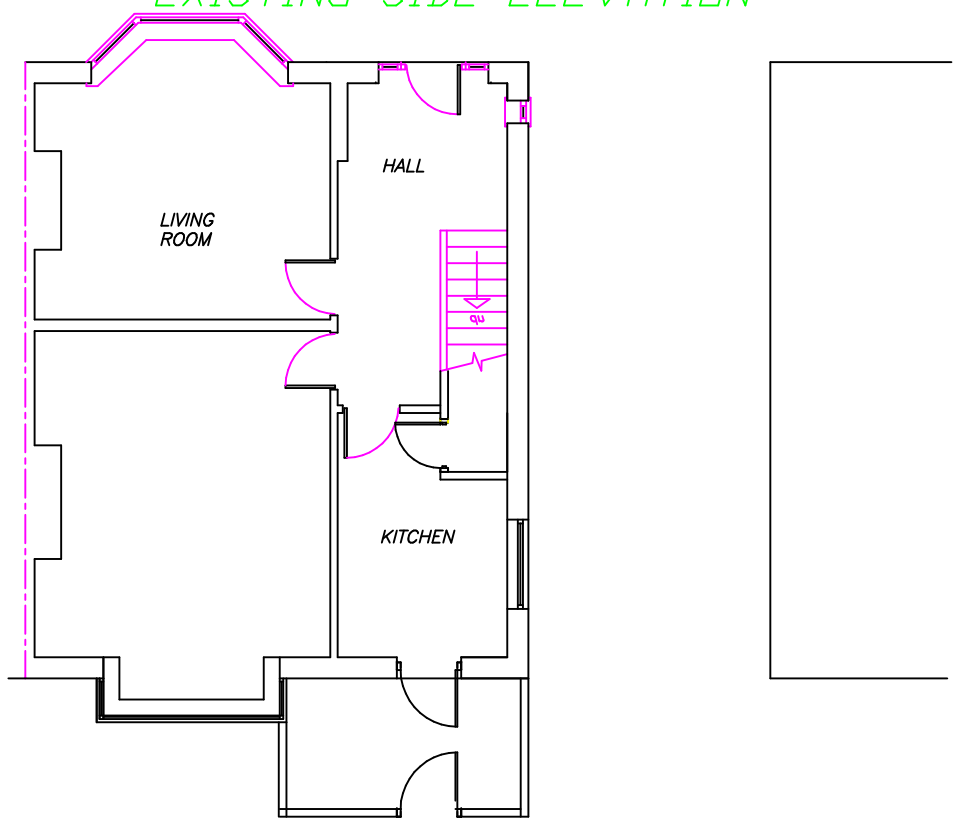
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CHADDERTON,
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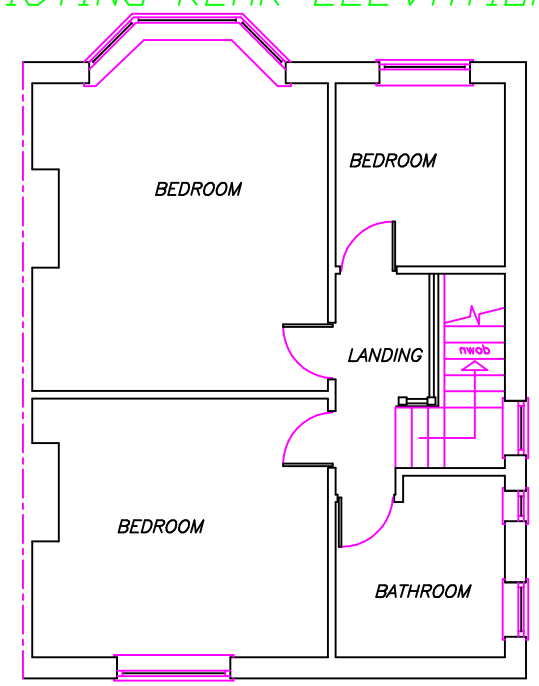
EXISTING SIDE ELEVATION



EXISTING REAR ELEVATION



EXISTING GROUND FLOOR PLAN



EXISTING FIRST FLOOR PLAN

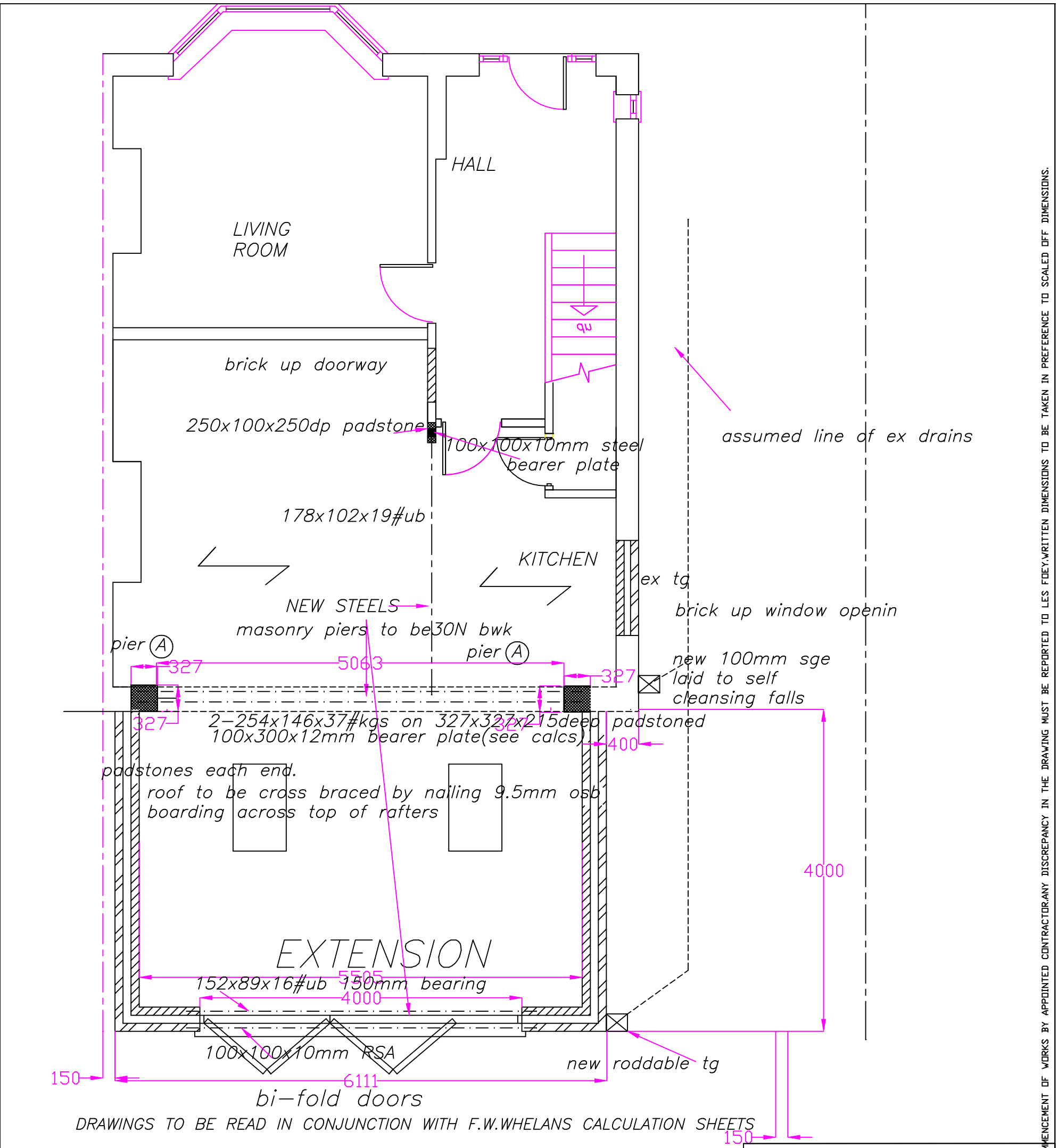
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DRAWINGS TO BE READ IN CONJUNCTION WITH F.W.WHELANS CALCULATION SHEETS

ROOF CONSTRUCTION
Redland regent tiles on 25 x 50 mm sw timber battens on breathable felt on 9.5mm osb board on 200 x 50 rafters @400mm ccs 100mm kingspan insulation fixed between joists & 35mm kingspan fixed across joists u/s to be finished with 12.5mm plaster-board and skim. Roof to be provided with eaves ventilation equivalent to a 25mm continuous strip both sides.

GROUND FLOOR CONSTRUCTION U Value=0.22
100mm concrete slab laid directly on 500gauge visqueen over 100mm kingspan thermafloor TF70 on 1200g visqueen continuous dpm lapped onto dpc on sand blinded consolidated hardcore. 25mm insulated upstand to ext'n perimeter.

WALL CONSTRUCTION
300mm cavity wall comprising 100mm facing bricks to L.A. approval, 100mm cavity(DRYTHERM FILLED) 100mm celcon walling blocks with stainless steel wall ties (16mm lightweight plaster) (brickwork only below dpc). Wall ties to BS.1243 : 1972 (1981 amended) placed at 750mm horizontally and 450mm vertically and every 300mm of height adjacent to openings.U value=0.28Wm2k

Proposed Rear Extension at 11,Northfield Road, New Moston,Manchester for Mrs.Stephany Ashley

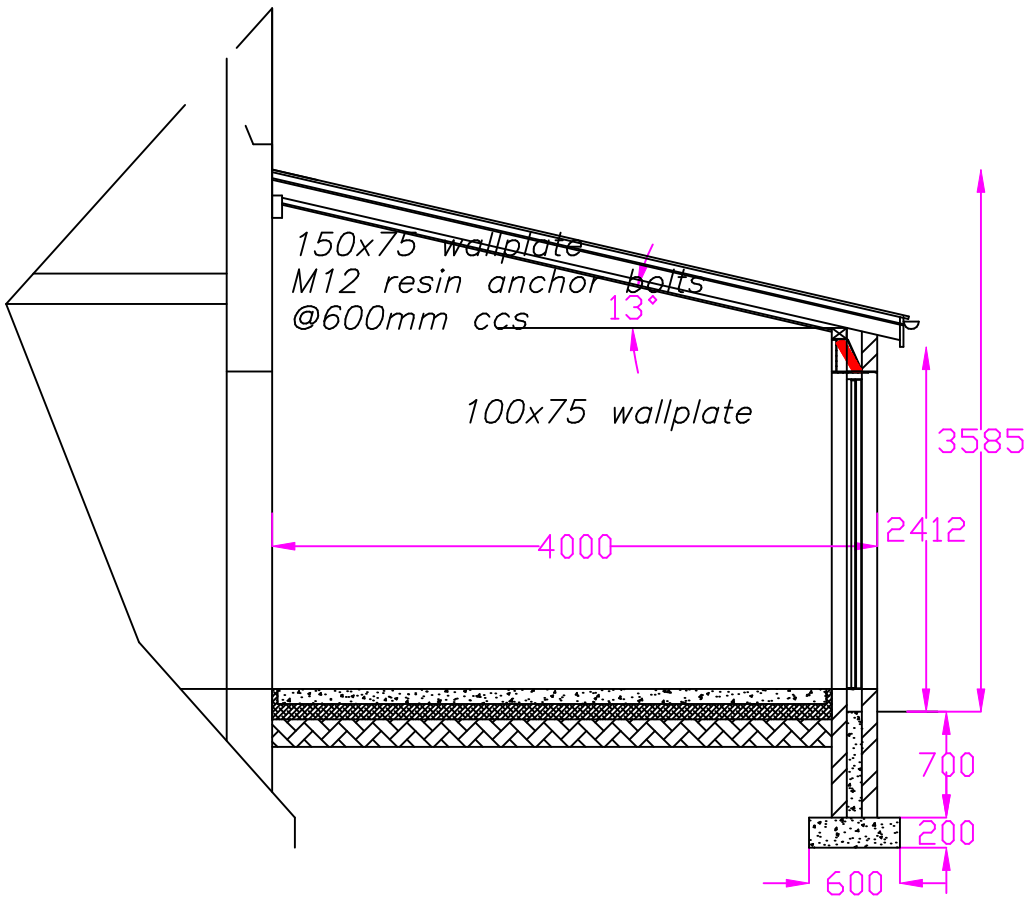
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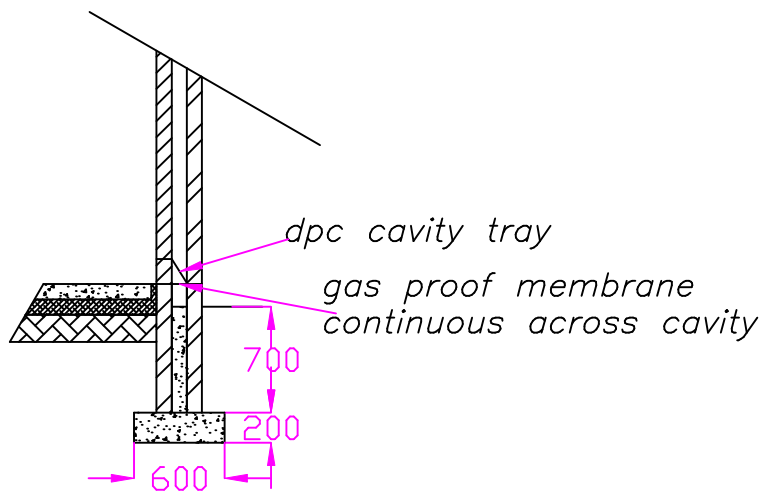
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ALL DIMENSIONS TO BE VERIFIED AT SITE PRIOR TO COMMENCEMENT OF WORKS BY APPOINTED CONTRACTOR.ANY DISCREPANCY IN THE DRAWING MUST BE REPORTED TO LES FOEY.WRITTEN DIMENSIONS TO BE TAKEN IN PREFERENCE TO SCALED OFF DIMENSIONS.



PROPOSED CROSS SECTION



PROPOSED CROSS SECTION
THRO' SIDE WALL

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