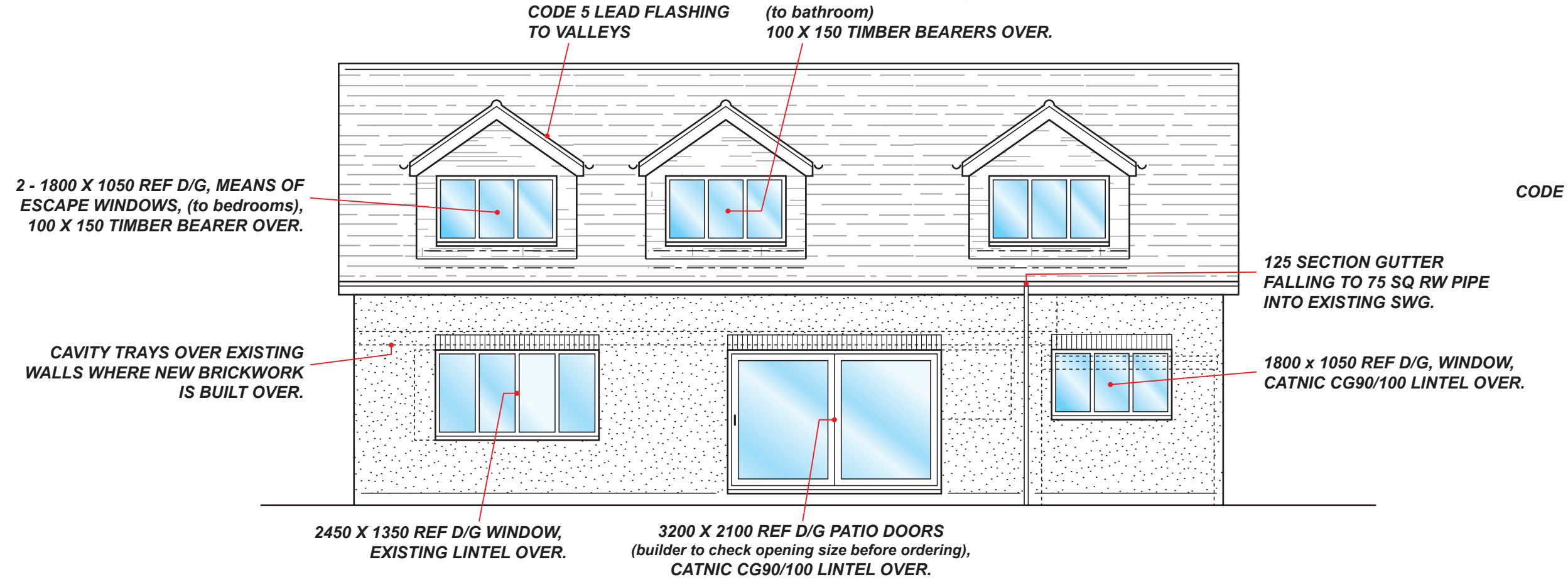
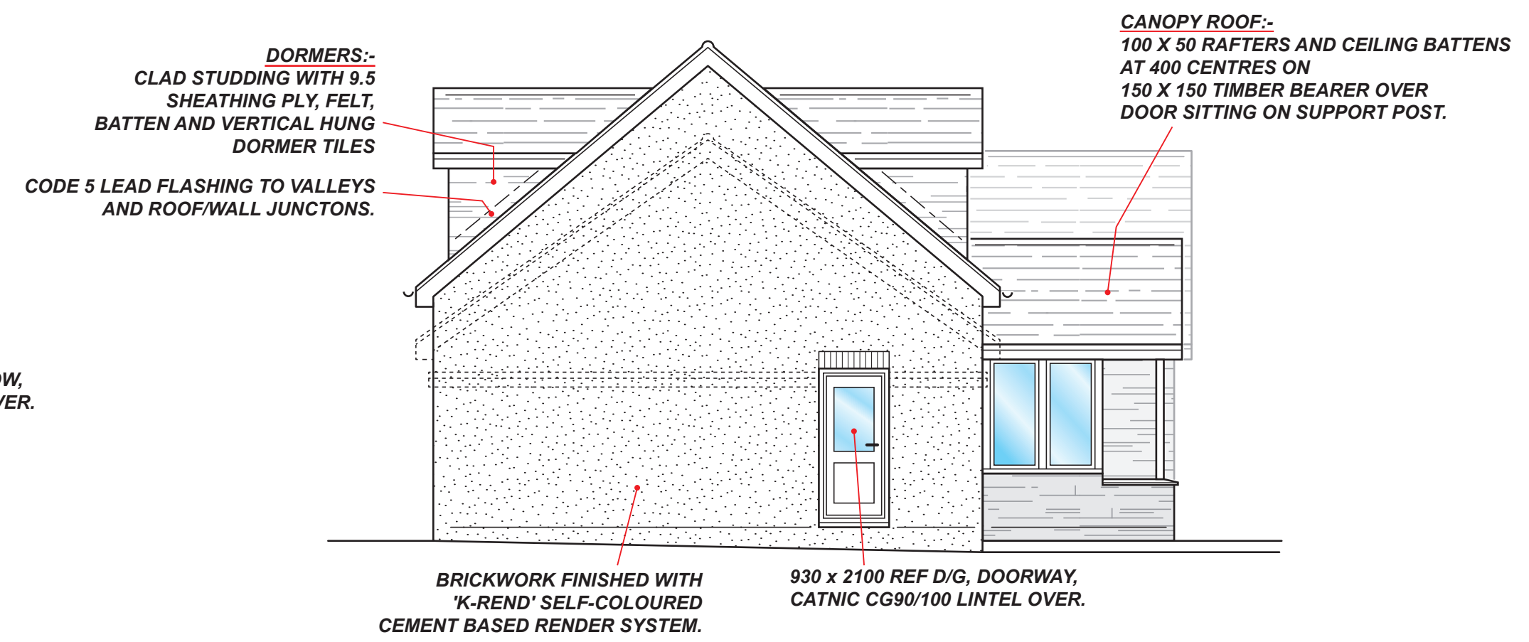
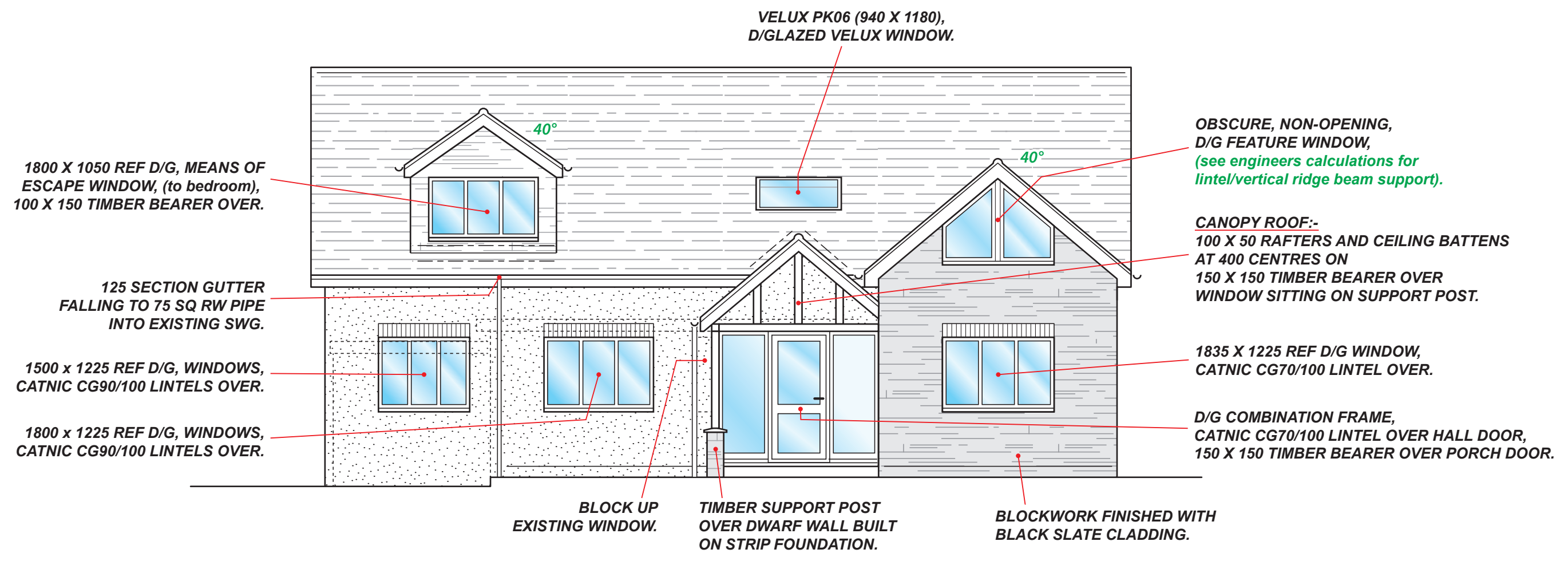


PROPOSED REAR ELEVATION



PROPOSED SIDE ELEVATION



NOTE:-

ALL EXTERNAL OPENINGS TO HAVE CATNIC CN7 OR CATNIC CG90/100 LINTELS.
ALL INTERNAL BLOCKWORK OPENINGS TO HAVE CATNIC CN5X, CATNIC CN6X OR 50x150 R/C LINTELS.

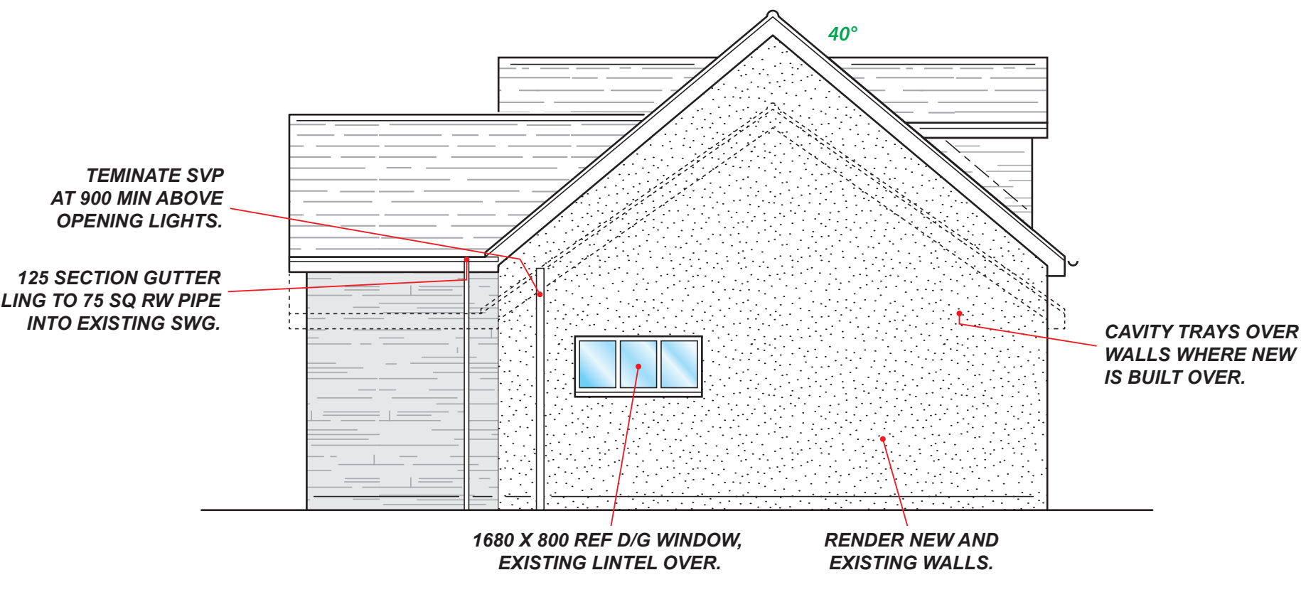
PROPOSED FRONT ELEVATION

NOTE:-

NEW WINDOWS TO HAVE MEANS OF ESCAPE OPENING LIGHTS WITH CLEAR OPENING SIZE OF 0.33M^2 (450 MIN WIDTH OR 450 MIN HEIGHT) INTERNAL SILL HEIGHT TO BE BETWEEN 800 AND 1100 FROM FLOOR.

NOTE:-

NEW GUTTERS SHOULD BE 125mm GUTTERS AND 75mm DOWNPIPES.



PROPOSED SIDE ELEVATION

BUILDING REGULATION REQUIREMENTS:-

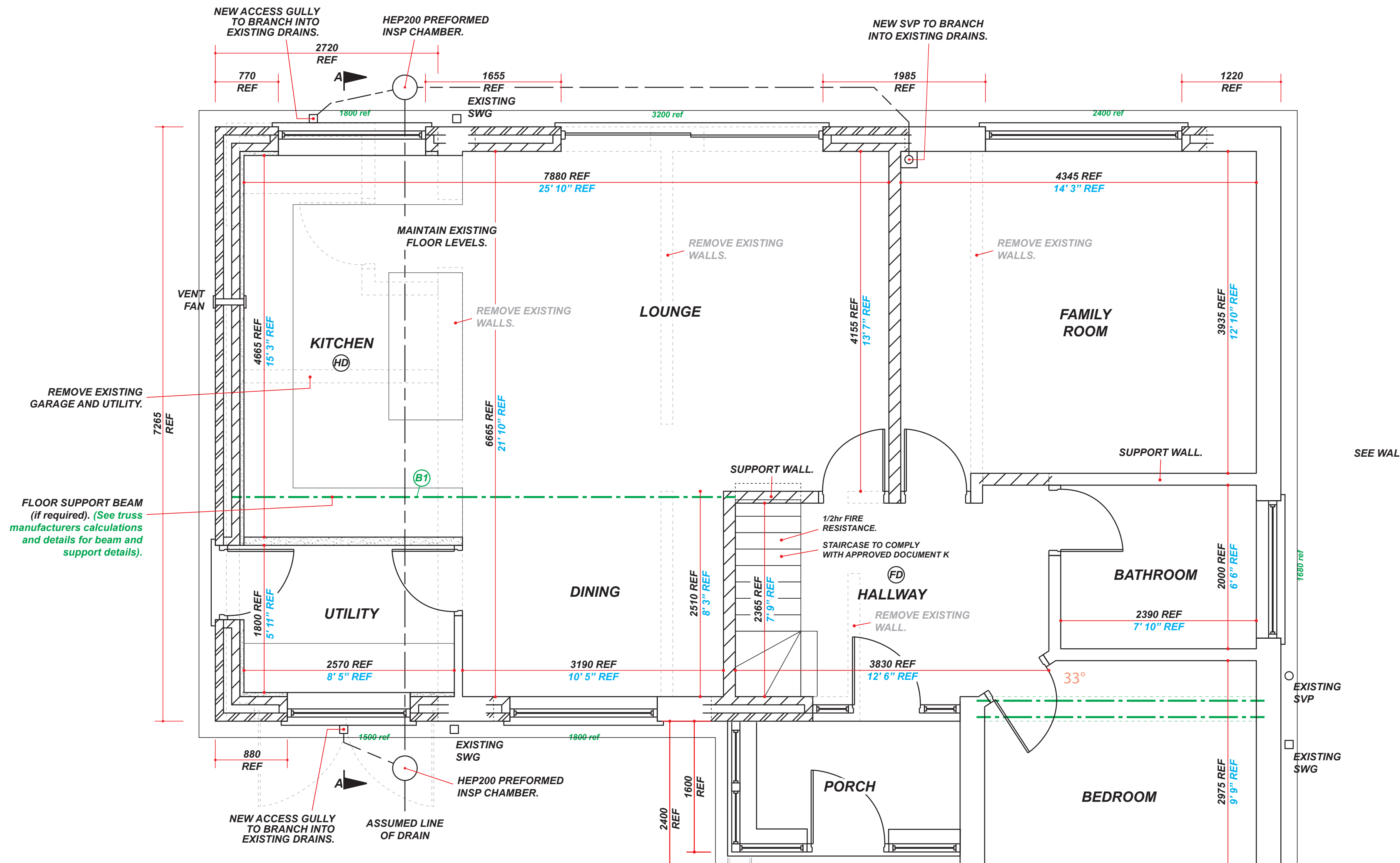
1 The Following U-values must be achieved by the extension.

a.	All new walls -	0.18 W/m2k.
b.	Floor -	max 0.18 W/m2k.
c.	Roof -	max 0.15 W/m2k to plane.
d.	Windows -	max 1.4 W/m2k.
e.	Rooflight -	max 1.4 W/m2k.

2. Accredited construction details to be used for the proposed extension.

NOTE:-
EXTERNAL WALL CONSTRUCTION ALTERNATIVES.

EITHER:
100 EXTERNAL FACING BRICK,
100 DRITHERM 32 FULL FILL CAVITY WALL INSULATION,
100 INTERNAL LIGHTWEIGHT BLOCK.
50 CELOTEX PL4050 INSULATED LINERBOARD (or equivelent).
OR
100 EXTERNAL FACING BRICK,
150 DRITHERM 32 FULL FILL CAVITY WALL INSULATION,
100 INTERNAL LIGHTWEIGHT BLOCK.
12.5 PLASTERBOARD ON DABS.
OR
100 EXTERNAL FACING BRICK,
100 CAVITY WITH 90 RIGID BOARD INSULATION (eg Thermaclass cavity wall 21 or similar),
10mm residual cavity to be kept clean of mortar droppings.
Self adhesive breathable tape at all joints and at wall tie locations.
100 INTERNAL LIGHTWEIGHT BLOCK.



PROPOSED GROUND FLOOR PLAN

PARKING NOTE:

EXISTING DRIVEWAY ACCOMODATES 2 VEHICLES.

NOTE:

LINE OF DRAINS ASSUMED, ACTUAL LINE UNKNOWN, ALL DRAIN ALTERATIONS TO COMPLY WITH BUILDING REGULATIONS APPROVED DOCUMENT 'H', TO L.A INSPECTORS SATISFACTION BEFORE COVERING.

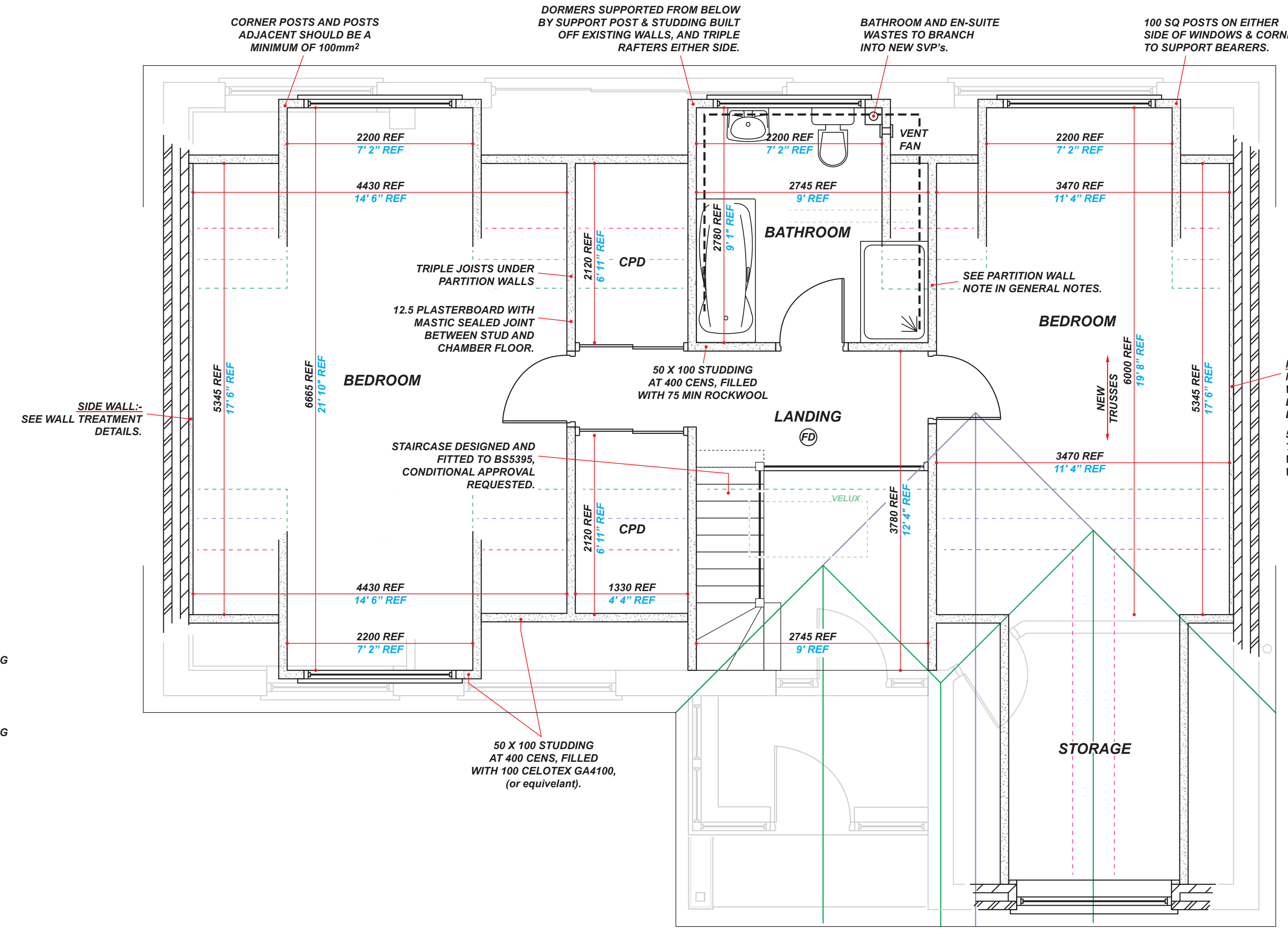
SEPERATE SYSTEM OF DRAINAGE TO BE MAINTAINED IF FOUND TO EXIST ON SITE.

NOTE:

IF FITTED, FLUE/CHIMNEY & HEARTH TO COMPLY WITH APPROVED DOCUMENT J.

NEW CHIMNEYS SHOULD BE CONSTRUCTED WITH FLUE LINERS AND MASONRY SUITABLE FOR THE INTENDED APPLICATION, AND CONSTRUCTED/INSTALLED TO MANUFACTURERS INSTRUCTIONS.

FLUEPIPES SHOULD HAVE THE SAME DIAMETER OR EQUIVALENT CROSS SECTIONAL AREA AS THAT OF THE APPLIANCE FLUE OUTLET AND SHOULD NOT BE SMALLER THAN THE SIZE RECOMMENDED BY THE APPLIANCE MANUFACTURER.



NEW WALL OVER EXISTING GROUND FLOOR:-
MAINTAIN EXISTING 250 CAVITY WALL
WITH 50 DRITHERM FULL FILL CAVITY INSULATION,
LINE WITH 50 min CELOTEX PL4050 INSULATED DRY LINING BOARD.
50mm MIN CELOTEX GA4050 THERMAL INSULATION TO GABLE WALL, TO BE FIXED IN ACCORDANCE WITH MANUFACTURERS DETAILS.

NOTE:-

TRUSS DESIGN (AND EVENTUAL HEIGHT OF CEILING TIE) TO BE DETERMINED BY TRUSS MANUFACTURER.
ROOM SIZES ARE FOR REFERENCE ONLY, ACTUAL FINISHED SIZES WILL BE DEPENDENT UPON TRUSS DESIGN.

PROPOSED FIRST FLOOR PLAN

NOTE:-

LANDINGS AND STAIRCASE TO HAVE A GUARDED HANDRAIL WITH 1100 MIN HANDRAIL HEIGHT. ALL HANDRAILS TO HAVE VERTICAL SPINDLES OR BOARDS WITH 100 MIN SPACING AT ANY POINT. LANDING AND STAIRCASE TO COMPLY WITH B/REGULATIONS APPROVED DOCUMENT 'B' TO LA INSPECTORS SATISFACTION.

NOTE:-

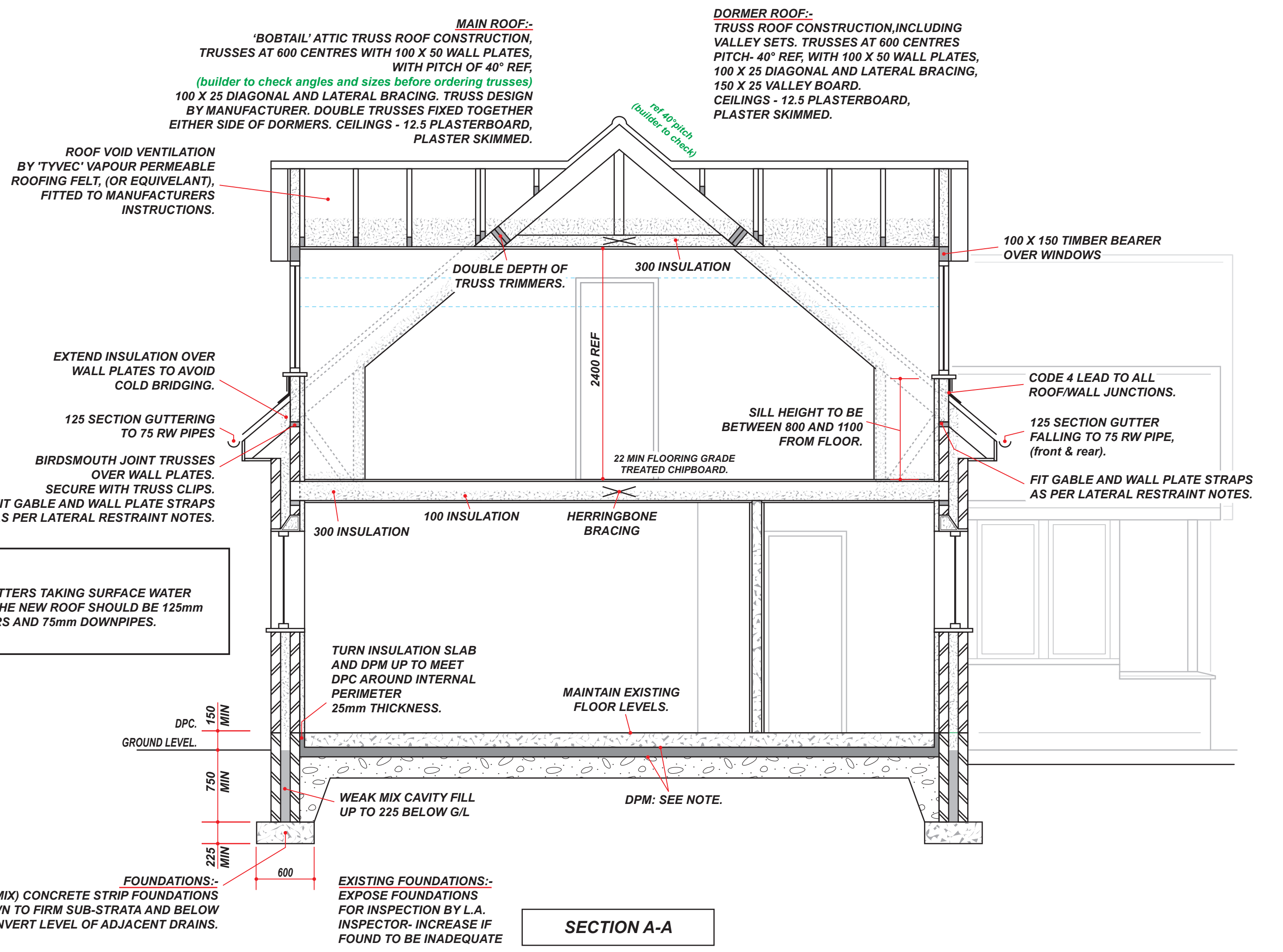
TRUSS DESIGN (AND EVENTUAL HEIGHT OF CEILING TIE) TO BE DETERMINED BY TRUSS MANUFACTURER.

NOTE:-

SLOPING CEILINGS REQUIRE:-
100 CELOTEX GA4100 BETWEEN THE RAFTERS AND 35 CELOTEX TB4035 UNDER THE RAFTERS.
OR
120 CELOTEX GA4120 BETWEEN THE RAFTERS AND 12 CELOTEX TB4012 UNDER THE RAFTERS.
OR
100 KINGSPAN KOOLTHERM K7 INSULATION BETWEEN THE RAFTERS AND 32.5 KINGSPAN KOOLTHERM K18 UNDER THE RAFTERS.

NOTE:-

ALL GUTTERS TAKING SURFACE WATER FROM THE NEW ROOF SHOULD BE 125mm GUTTERS AND 75mm DOWNPIPES.



SECTION A-A

DPM NOTE:-

PHENOLIC FOAM BOARD INSULATION MANUFACTURERS (kingspan, celotex, xtratherm, etc) NOW ASK FOR 1200G VISQUEEN BELOW INSULATION AND 'SEPARATING LAYER' OF 500G VISQUEEN BETWEEN BOARD AND CONCRETE.

NOTE:-

ALL TREBLE/DOUBLE BEAMS/TRIMMERS TO BE BOLTED TOGETHER WITH M12 BOLTS AND 65 DIA TOOTHED CONNECTORS AT 600 MAX CENTRES.
STEEL BEAMS TO SIT ON 300 x 100 x 215 c.25/10 CONC PADSTONES. (unless otherwise stated in engineers calculations).

NOTE:-

EXISTING FOUNDATIONS, LINTELS AND BEAMS ETC SUBJECTED TO ADDITIONAL LOADS TO BE EXPOSED AND PROVEN ADEQUATE TO L.A. INSPECTOR AND INCREASED IF FOUND INADEQUATE.

NOTE:-

NEW/REPLACEMENT GLAZING TO BE ARGON FILLED.

NOTE:-

IT IS ADVISABLE TO DIG A TRIAL HOLE TO CHECK THE EXISTING FOUNDATIONS AND GROUND CONDITIONS, PRIOR TO COMMENCEMENT.
CHOICE OF FOUNDATION DESIGN TO BUILDING CONTROL OFFICERS SATISFACTION.
RAFT FOUNDATION TO STRUCTURAL ENGINEERS DESIGN AND DETAILS.

ALL DIMENSIONS ARE FOR REFERENCE ONLY
AND SHOULD BE CHECKED ON SITE BEFORE COMMENCEMENT

PROPOSED SIDE EXTENSION AND LOFT CONVERSION TO CONVERT DETACHED BUNGALOW TO DETACHED HOUSE

14 CARR MILL CRESCENT, BILLINGE,
WIGAN. WN5 7TS.

SCALES: 1/50 & 1/100	MR & MRS MERRY	SEPTEMBER 2023

SHEET 2 OF 2
REF:- MC/020923
DRAWN: MARK COPELAND
3 MERE ROAD, A-IN-M, WN4 8AX
TEL:- 01942 723730. MOB:- 079 4142 6041

NOTES:-

DRAINS:-

ALTER ASSUMED COMBINED DRAINS IN EITHER 100 SUPERSLEVE OR 100 PVC UNDERGROUND DRAIN PIPEWORK BY APPROVED MANUFACTURERS, BOTH LAID TO MANUFACTURERS INSTRUCTIONS, AT NOT LESS THAN 1 IN 40 FALL AND SURROUNDED BY GRANULA FILL. ANY DRAINS PASSING UNDER BUILDING TO BE ENCASED IN 150 CONCRETE, R.C. LINTELS TO BE SET IN WALLS WHERE DRAINS PASS THROUGH. INSPECTION CHAMBERS TO BE EITHER APPROVED PREFORMED UPVC OR CLAY TYPE OR 225 2nd ENGINEERING BRICK CHAMBER ON 150 CONCRETE BASE WITH S & C SMOOTH BENCHING. MEDIUM DUTY FRAME AND LID. ALL NEW GULLIES TO BE RODABLE ACCESS TYPE. ALL DRAIN ALTERATIONS TO COMPLY WITH BUILDING REGULATIONS APPROVED DOCUMENT 'H'. ALL DRAINS TO BE INSPECTED AND TESTED BEFORE COVERING.

WALLS:-

WALLS BUILT OVER EXISTING - SEE NOTES.
NEW WALLS:-
EXTERNAL - 300 CAVITY CONSTRUCTION .
OUTER LEAF - FRONT ELEVATIONS - 102 APPROVED FACING BRICK TO MATCH ADJACENT HOUSES.
REAR AND SIDE ELEVATIONS - 100 CONCRETE BLOCK, 100 CAVITY WITH DD140-2 TYPE 4 AUSTENITIC S/STEEL TIES AT REGULATION SPACINGS (5 PER M2). 300 VERTICAL CENS AT REVEALS. 100 'FULL FILL CAVITY INSULATION BATS OR EQUIVALENT TO CAVITY.
INNER LEAF - 100 'TARMAC TOPLITE GTI INSULATION BLOCK. CAVITIES TO BE CLOSED WITH AN APPROVED INSULATED CAVITY CLOSER AROUND EXTERNAL DOOR AND WINDOW OPENINGS, TO PREVENT COLD BRIDGING.
(For alternative wall construction options see note).
BELOW GROUND LEVEL - CONCRETE COMMON BRICKS OR TRENCH BLOCK. FIT HORIZONTAL AND VERTICAL DPC TO ALL OPENINGS AND ABUTMENTS. EXTEND CAVITY INSULATION BATS UP TO COVER WALL PLATES TO AVOID COLD BRIDGING. CATNIC LINTELS TO BE FITTED WITH 150 MIN END BEARING, CENTRAL CAVITY OF EXTERNAL LINTELS TO BE FILLED WITH INSULATION MATERIAL.
INTERNAL COMPARMENT WALLS - 100 CONCRETE BLOCK (7n/mm^2).
PARTITION WALLS - 100 x 50 STUDDING WITH 12.5 P/BOARD BOTH SIDES, PLASTER SKIMMED, 75 MIN THICKNESS OF ROCKWOOL MINERAL INSULATION TO ASSIST SOUND INSULATION.
INTERNAL FINISH - BLOCK/BRICKWALLS TO HAVE 2 COAT 'CARLITE' PLASTER FINISH OR PLASTERBOARD ON DABS & SKIMMED. GAPS TO BOTTOMS OF STUD PARTITIONS TO BE SEALED WITH GUN APPLIED SEALANT.
EXTERNAL FINISH - 'K-REND' SELF-COLOURED CEMENT BASED RENDER SYSTEM, (COLOUR TO COMPLIMENT EXISTING AND NEIGHBOURING DWELLINGS).
DORMER WALLS - 50 X 100 STUDDING AT 400 CENS, CLAD AND BRACED WITH 9.5 SHEATHING PLY EXTERNALLY CLAD WITH PLAIN DORMER TILES (COLOUR TO MATCH HOUSE ROOF) ON 50 X 25 TREATED TILE BATTENS OVER TYVEK 'SUPRO' VAPOUR PERMEABLE ROOFING MEMBRANE.
INTERNALLY - FILL BETWEEN STUDDING WITH EITHER:-

- 100 MINERAL WOOL BETWEEN THE STUDS WITH 36/9.5 POLYFOAM LINERBOARD FIXED TO STUDDING.

OR

- 100 KINGSPAN 'THERMAWALL TW51' OR 100 CELOTEX GA4000 BETWEEN THE STUDDING WITH 12.5 PLASTERBOARD FIXED TO STUDDING.

FINISH WITH 500 G VISQUEEN VAPOUR BARRIER BETWEEN STUDDING AND LINER, PLASTER SKIMMED.

LINTELS - ALL EXTERNAL CAVITY WALL LINTELS TO BE EITHER CATNIC CN70/100 OR CATNIC CN3A UNLESS OTHERWISE STATED FOR LARGE SPANS OR LOADINGS.
ALL INTERNAL SOLID WALLS (PER 100 THICK LEAF) TO BE EITHER CATNIC CN5X LINTELS OR 100 x 150 PRECAST REINFORCED CONCRETE LINTELS UNLESS OTHERWISE STATED.

WALLS TO ROOFSPACE - 50 X 100 TIMBER/PLASTERBOARD STUDDING, GIVING EXTRA SUPPORT TO NEW SUPPORT BEAMS. 100 CELOTEX GA4100 INSULATION (or equivalent) INFILL TO ASSIST INSULATION, PLASTER SKIMMED.
INTERNAL FINISH - BLOCK/BRICKWALLS TO HAVE 2 COAT 'CARLITE' PLASTER FINISH OR PLASTERBOARD ON DABS & SKIMMED.

ROOF:-

MAIN ROOF - SEE SECTION FOR ROOF CONSTRUCTION. REMOVE AND RE-USE EXISTING REDLAND 'NORFOLK PANTILE' CONCRETE INTERLOCKING ROOF TILES (TO MATCH EXISTING and ADJACENT HOUSES), DRY RIDGE SYSTEM AND VERGES OR POINTED VERGES, ON 50 x 25 TREATED TILE BATTENS ON 'TYVEK' VAPOUR PERMEABLE ROOFING FELT (OR EQUIVELANT) (100 MIN HEADLAP). TRUSSES BY APPROVED MANUFACTURER, DESIGNED, FITTED AND BRACED TO BS5268 (PART 3, 1985). (CONDITIONAL APPROVAL REQUESTED).
ROOF VOID - 300 FIBREGLASS INSULATION, 100 BETWEEN THE JOISTS, 200 OVER THE JOISTS, (OR REVERSE TO SUIT JOIST DEPTHS), CARRIED OVER THE WALL PLATES TO PREVENT COLD BRIDGES.
SLOPING CEILINGS - SEE SECTION, CELOTEX OR THERMAWALL INSULATION (SEE INSULATION NOTE), CARRIED OVER THE WALL PLATES TO MEET DRI-THERM TO PREVENT COLD BRIDGES.

LATERAL RESTRAINT:-

SECURE FIRST 3 TRUSSES TO WALLS AT CEILING, RAFTER AND FLOOR LEVEL WITH 30 X 5 G.M.S. STRAPS TO CP111 INCLUDING NOGGINS UNDER STRAPS BETWEEN JOISTS AT 2000 MAX CENS.
SECURE WALL PLATES TO WALLS WITH 30 X 2.5 G.M.S. STRAPS AT 900 MAX CENTRES -BOTH IN ACCORDANCE WITH APPROVED DOCUMENT 'A'.

FLOORS:-

GROUND FLOOR - 150 (1:2:4 mix) CONCRETE ON 1200 GAUGE VISQUEEN DAMP PROOF MEMBRANE ON 100 'CELOTEX TUFF-R' FLOOR INSULATION SLABS, or 140 'JABFLOOR 70' FLOOR INSULATION SLABS, (OR EQUIVALENT) LAID TO MANUFACTURERS INSTRUCTIONS), ON 25 SAND BLINDING ON 150 WELL CONSOLIDATED CRUSHER RUN HARDCORE.
FIRST FLOOR - 22 MIN FLOORING GRADE CHIPBOARD WITH SCREW DOWN ACCESS PANELS OVER PIPE RUNS. SEE SECTION FOR CONSTRUCTION DETAILS. 100 MINERAL FIBRE INSULATION BETWEEN JOISTS TO ASSIST SOUND INSULATION.

VENTILATION:-

ROOF - SEE SECTION FOR DETAILS, BREATHABLE MEMBRANE.
WINDOWS - OPENING LIGHTS TO BE EQUIVALENT TO 1/20th MIN OF EACH NEW ROOM FLOOR AREA.
30° MIN ANGLE TO OPENING LIGHTS.
TRICKLE VENTS - TO BE PROVIDED TO EACH NEW ROOM BY NIGHT VENTS ON WINDOWS (EQUAL TO HABITABLE ROOMS 8000mm^2, NON HABITABLE ROOMS TO 4000mm^2) WITH AN 8mm MINIMUM DIMENSION.
MECHANICAL VENTILATION - FIT EXTRACTION FANS TO KITCHEN, EN-SUITE, W.C. AND BATHROOM TO VENT TO EXTERNAL AIR WITH INDEPENDENT SWITCHING. (CAPACITIES - EN-SUITE, W.C. AND BATHROOM TO 15 LTRS/SEC, KITCHEN - 60 LTRS/SEC), EN-SUITE AND W.C. FAN TO BE INTERCONNECTED TO LIGHT SWITCH WITH 15 MIN OVERRUN, 10mm AIR GAP UNDER DOOR.

STAIRWAY:-

STAIRCASE DESIGNED AND FITTED TO BS5395 AND TO COMPLY WITH BUILDING REGULATIONS APPROVED DOCUMENTS 'K' AND 'B'.
700 MIN CLEAR WIDTH 13 EQUAL RISE STAIRWAY AT 42º APPROX PITCH, RISERS TO BE 213.85 REF FOR A FLOOR TO FLOOR HEIGHT OF 2780 REF, GOINGS APPROX 237.5 MEASURED AT MID TREAD.
TAPERED TREADS - 50 MIN TREAD WIDTH AT NARROWEST POINT, THE RELATIONSHIP BETWEEN THE GOINGS MEASURED AT 270mm FROM NARROW END TO BE 120mm MIN, WHEN MEASURED IN THE CENTRE TO BE 220mm MIN, AND 350mm MAX WHEN MEASURED 270mm FROM THE OUTER EDGE.
THE DIMENSIONS OF THE RISE AND GOING IS THAT TWICE THE RISE PLUS THE GOING (2R + G) SHOULD BE BETWEEN 480 AND 800.
QUARTER LANDINGS TO BE NOT LESS THAN THE WIDTH OF THE STAIRS SQUARE WITH NO OBSTRUCTIONS. 2000 MIN HEAD CLEARANCE AND 900 MIN HANDRAIL HEIGHT TAKEN OFF NOSING OF TREADS. STAIRWAY TO HAVE HANDRAIL ON BOTH SIDES. LANDING BALLUSTRADE 900 MIN HEIGHT, ALL HANDRAILS TO HAVE SPINDLES OR BOARDS WITH 99 MAX SPACING AT ANY POINT, SPACING BETWEEN TREADS SHOULD NOT EXCEED 99mm.

SANITATION:-

NEW BATHROOM, EN-SUITE AND W.C. WASTES TO DISCHARGE INTO NEW SVP, KITCHEN WASTES TO DISCHARGE INTO NEW SVP OR BELOW GRATING LEVEL OF NEW ACCESS GULLY. 40 DIA WASTE FROM BATHS, SHOWERS, 32 DIA FROM WASHBASIN & BIDET (50 DIA IF COMBINED), 40 DIA WASTE FROM SINK AND WASHING MACHINE, TO FALL WITH 1 IN 60 MIN FALL, WASTES TO HAVE 75 DEEP SEAL TRAPS AND SUPPORT AT 600 MAX CENS, AND RODDING ACCESS IF OVER 2000 LONG.

FIRE PROTECTION:-

PERMENANT FIRE DETECTORS TO BE CENTRALLY PLACED ON BOTH FLOORS (APPROX WHERE INDICATED Ⓕ, HEAT DETECTOR, MARKED Ⓗ TO BE PLACED IN KITCHEN), ALL WIRED DIRECTLY TO MAINS ELECTRIC AND TO BE INTERCONNECTED, (WITH BATTERY BACKUP) IN ACCORDANCE WITH BS5839-1 and BS5839-6.
ALL ELEMENTS OF STRUCTURE (LINTELS, BEAMS ETC) TO BE 1/2 HR FIRE PROTECTED BY CLADDING WITH 1 LAYER OF 12.5 FIRELINE PLASTERBOARD, PLASTER SKIMMED.

ELECTRICAL:-

ALL NEW LIGHTING TO HAVE LOW ENERGY LIGHTING (LED/FLUORESCENT/HALOGEN ETC). NEW AREA & REPLACEMENT LIGHTING TO BE FITTED WITH LIGHT FITTINGS HAVING A LUMINOUS EFFICIENCY GREATER THAN 40 LUMENS PER CIRCUIT WATT.
NEW EXTERIOR LIGHTING TO HAVE SENSOR AND TIME LIMIT CONTROLS.
LIGHT SWITCHES AND POWER POINTS TO BE INSTALLED BETWEEN 450 AND 1200 FROM FLOOR.

ALL WIRING AND ELECTRICAL WORK WILL BE DESIGNED, INSTALLED, INSPECTED AND TESTED IN ACCORDANCE WITH THE REQUIREMENTS OF BS7671, THE IEE CURRENT EDITION WIRING GUIDANCE AND BUILDING REGULATION PART P (ELECTRICAL SAFETY), BY A COMPETENT PERSON REGISTERED WITH AN ELECTRICAL SELF-CERTIFICATION SCHEME AUTHORIZED BY THE SECRETARY OF STATE.
THE COMPETENT PERSON IS TO SEND TO THE LOCAL AUTHORITY A SELF-CERTIFICATION CERTIFICATE WITHIN 30 DAYS OF THE ELECTRICAL WORKS COMPLETION. THE CLIENT MUST RECEIVE BOTH A COPY OF THE SELF-CERTIFICTION CERTIFICATE AND A BS7671 ELECTRICAL INSTALLATION TEST CERTIFICATE.

SPACE HEATING AND HOT WATER SYSTEMS:-

C/H BOILER TO HAVE PROGRAMMER CONTROLS, RADIATORS TO BE FITTED WITH THERMOSTATIC RADIATOR VALVES, CENTRAL HEATING GAS FIRED COMBI-BOILER WITH A 'SEDBUK' RATING OF NOT LESS THAN 86%.

THE ABOVE SYSTEMS MUST BE INSTALLED, TESTED AND COMMISSIONED TO COMPLY WITH APPROVED DOCUMENT L1 AS FOLLOWS.

1. THE BUILDER MUST ENSURE THAT THE ABOVE SYSTEM AND CONTROLS IS COMPLETED BY A QUALIFIED INSTALLATION ENGINEER, HAVING A RELEVANT RECOGNIZED QUALIFICATION.
2. UPON COMPLETION THE INSTALLING ENGINEER MUST TEST AND COMMISSION THE SYSTEM AND PROVIDE A SUCCESSFUL COMMISSIONING COMPLETION CERTIFICATE USERS GUIDE.
3. COPIES OF THE COMMISSIONING CERTIFICATE AND USERS GUIDE MUST BE SUPPLIED TO THE LOCAL AUTHORITY BUILDING CONTROL DEPARTMENT AND THE PROPERTY OWNER/OCCUPIER.

Carbon monoxide detection to be installed for any relocated or renewed boiler; commissioning certificate to be submitted at completion.

INSTALLATION OF CHIMNEY, FLUES, FIREPLACE AND HEARTH:-

THE ABOVE COMBUSTION APPLIANCES MUST BE INSTALLED IN COMLPLIANCE WITH APPROVED DOCUMENT J AS FOLLOWS:-

1. THE CHIMNEY, FLUE, FIREPLACE AND HEARTH MUST BE CONSTRUCTED AND THE COMBUSTION INSTALLATION CHECKED BY A COMPETANT PERSON WITH RELEVANT EXPERIENCE AND QUALIFICATIONS AND A REPORT DRAWN UP SHOWING THAT MATERIALS AND COMPONENTS APPROPRIATE TO THE INTENDED APPLICATION HAVE BEEN USED AND THAT THE FLUES HAVE PASSED THE NECESSARY TESTS.
2. THE FIRE APPLIANCE MUST BE INSTALLED, TESTED AND COMMISSIONED BY A PERSON HAVING A RECOGNISED QUALIFICATION AND A COMPLETION CERTIFICATE SUPPLIED.
3. COPIES OF THE COMMISSIONING CERTIFICATE AND COPIES OF THE ABOVE REPORT MUST BE PROVIDED FOR THE CLIENT/OCCUPIER AND TO THE LOCAL AUTHORITY BUILDING CONTROL DEPARTMENT.
4. THE OWNER/OCCUPIER OF THE BUILDING MUST BE PROVIDED WITH A USER GUIDE GIVING SUFFICIENT INFORMATION SO THAT THE APPLIANCE CAN BE OPERATED AND MAINTAINED IN SUCH A MANNER AS TO USE NO MORE ENERGY THAN IS REASONABLE IN THE CIRCUMSTANCES.
5. A DURABLE NOTICE CONTAINING INFORMATION ON THE PERFORMANCE CAPABILITIES OF THE FLUE, CHIMNEY, FIREPLACE, HEARTH AND APPLIANCE MUST BE AFFIXED IN A SUITABLE LOCATION IN THE BUILDING.

GENERAL:-

EXISTING FOUNDATIONS, LINTELS AND BEAMS ETC SUBJECTED TO ADDITIONAL LOADS TO BE EXPOSED AND PROVEN ADEQUATE TO L.A. INSPECTOR AND INCREASED IF FOUND INADEQUATE.
GLAZING TO BE FITTED TO SATISFY APPROVED DOCUMENT 'N' (FOR SAFETY GLAZING), ALL DOOR GLAZING BELOW 1500 AND WITHIN 300 OF A DOOR AND BELOW 800 IN A WINDOW TO BE TOUGHENED SAFETY GLASS TO BS6202 (AND MARKED AS SUCH).
ALL NEW AND REPLACEMENT WINDOWS AND EXTERNAL DOORS TO BE FITTED WITH D/GLAZING HAVING 'K' GLASS WITH 16 MIN AIR GAP AND PILKINGTON INSULIGHT D/GLAZING SPACERS, ALSO FITTED WITH DRAUGHT SEALS.
EXTERNAL DOORS AND LOFT ACCESS HATCHES TO BE DRAUGHT STRIPPED.
ALL GROUND FLOOR INTERNAL DOORS TO HAVE 750 MIN CLEAR WIDTH.