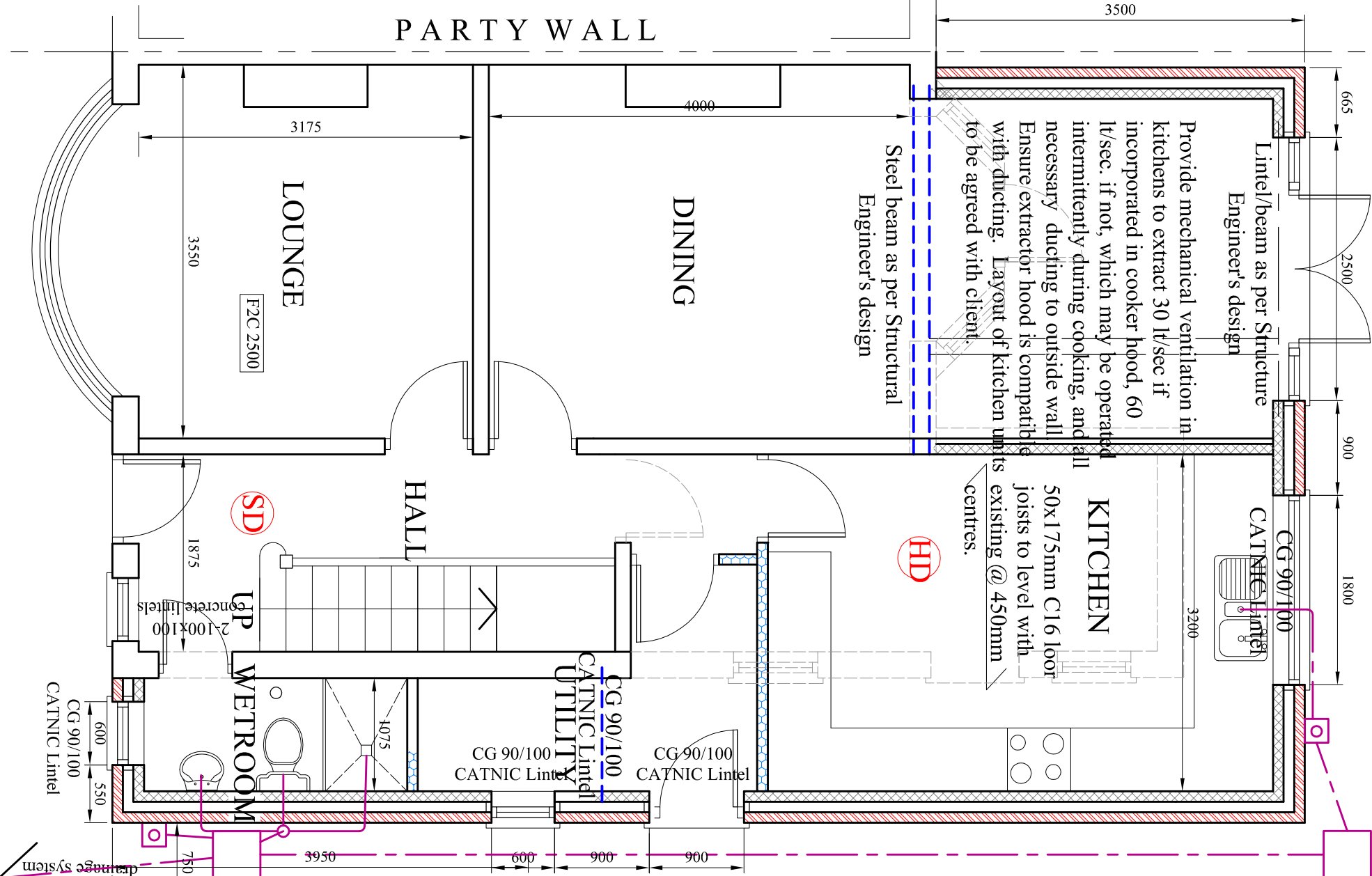


GARDEN

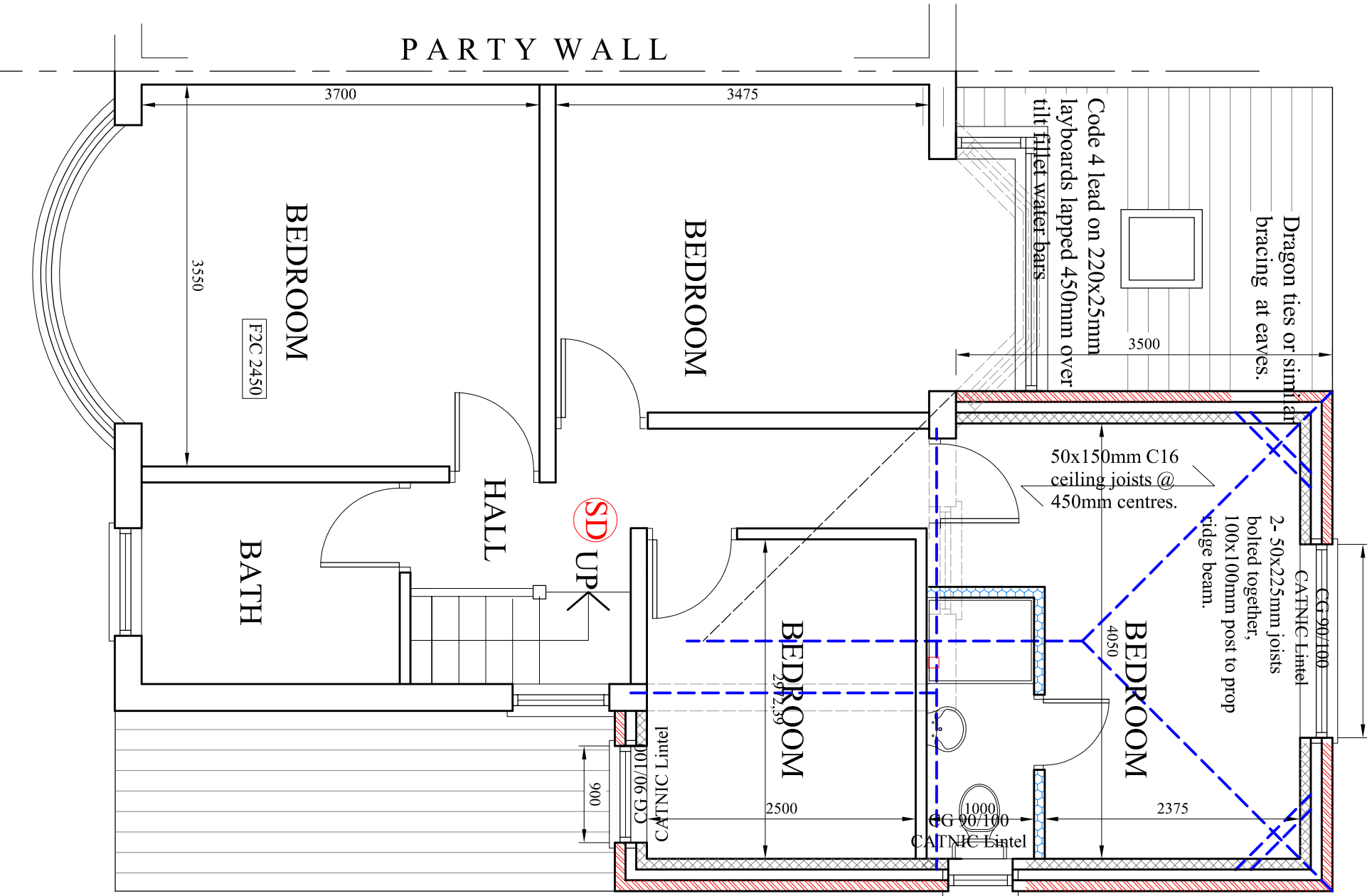


PROPOSED GROUND FLOOR PLAN

- New 102mm brick work to match existing, 100mm Cavity to be fully filled with Knauf's Drithern cavity insulation, Internal block work to be 100mm Thermalite.
- Proposed external walls incorporating appropriate cavity wall ties, at max. 750mm horizontal and 450mm vertical centres (300mm at wall reveals).
- All new windows to use double glazed units with a 'low-e' soft coating with an emissivity of 0.05. The double glazed panes are to be separated by a 16mm gap to provide a U-value of 1.6w/m<sup>2</sup>k. Trickle vents to windows. Safety glazing to critical locations. Windows to open 1/20 th of the floor area.
- All stud work to be 12.5mm plasterboard either side of 75x50mm softwood framework @ max. 400mm c/c with gypsum skim finish to plasterboard and 100mm Crown Frametherm' insulation between framework. All plaster and finishing work to be made good to match existing. Floor joists to be doubled up under partitions.
- Ceiling to be 12.5mm Gyproc Wallboard Duplex taped and skimmed. Include 100mm crown wool insulation between joists and 170mm above joists. NOTE - Special precautions may be required when electric cables are covered by insulating materials.
- All internal SVPs to be boxed in with 2 No. layers of 12.5mm plasterboard, outer layer to be moisture resistant, on 75x50mm softwood framework @ max. 400mm c/c's with 30mm 'QuietZone Acoustic Blanket' fixed to manufacturers specification and an access panel to enable rodding of the Soil Pipe. All pipework to be wrapped in 'QuietZone Partition Roll'.
- Mid span strutting should be provided to floor joists.
- Where new brickwork abuts existing walls cavities should be continuous.
- A cavity tray (300mm wide DPC) to be provided over the brickwork on all door and windows opening.
- All internal and external lintels to have 150mm minimum bearing.
- 30x5mmx1.2m galvanized steel straps to be used for lateral restraint at top with gable wall and roof rafters @ 2m c/c.
- Steel work to Structure Engineer's design and specifications. Boxed in 2 layers of plasterboard or single layer of Fireline.
- Sockets and switches between 450mm and 1200mm.
- All drainage to the satisfaction of the LABC Inspector on site.
- All new gas and heating works to be carried out by a Gas Safe Registered Installer and certificate to be provided on completion.
- All new Electricla work to be carried out by a qualified and competent person and certificate to be issued on completion of works.
- All smoke & heat detectors to be battery packed, mains powered, hardwired and interlinked.

New roof to be tiled with tiles to match existing with 125mm lap and fixed to 50x25mm treated softwood battens on breathable membrane over 50x175 treated rafters @ 400mm c/c. Ensure min. 15° roof pitch. Roof tiles to be suitable for roof pitch.

Install Mechanical Ventilator in all new toilets/bath to extract minimum 15 l/sec with a 15min overrun, and all necessary ducting to outside wall with air brick. Ensure does not effect compartmentation .



PROPOSED FIRST FLOOR PLAN

**OIL AND VENT PIPE**  
ALL NEW SVP'S TO BE 100mm DIA. UPVC (BLACK OR BROWN PREFERRED TO GREY IN ALL CASES) AND SHOULD BE TAKEN 900mm ABOVE THE HEAD OF ANY WINDOW WITHIN 3000mm OF THE EXISTING WINDOW LINE. ALL NEW SVP'S SHOULD BE CONNECTED TO THE MAIN STACK WITHIN 200mm OF WC BRANCH TO MAIN STACK. SOIL STACK TO CONNECT TO SLOW RADIUS REST BEND AT BASE AND PROVIDE RODDING EYE 150mm ABOVE G.L. IN ALL CASES.

**SANITARY PIPEWORK**  
TRAPS – ALL POINTS OF DISCHARGE INTO SYSTEM SHOULD BE FITTED WITH A WATER SEAL TO PREVENT FOUL AIR FROM THE SYSTEM ENTERING THE BUILDING. UNDER WORKING AND TEST CONDITIONS TRAPS SHOULD REMAIN A MIN SEAL OF 25mm. TRAPS SHOULD BE SITED AT 90° ANGLES AND SHOULD HAVE A 40mm DIA. TRAP WITH 75mm DEEP SEAL.

100mm SVP TO VENTILATE TO EXTERNAL AIR AND FINISHED NEARER THAN 3000mm. PIPE CAPPED WITH CAGE OR PERFORATED COVER. ALL PIPES TO BE 50mm DIA. EXCEPT W.C.'S WHICH ARE TO BE 100mm. THE PIPES FITTINGS AND JOINTS ARE TO BE CAPABLE OF WITHSTANDING AN AIR AND WATER PRESSURE OF 10 BAR AT ANY JOINT. SMOKE TEST IS NOT RECOMMENDED FOR UPVC. RODDING POINTS SHOULD BE PROVIDED TO GIVE ACCESS TO LENGTHS OF DISCHARGE PIPES WHICH CANNOT BE REACHED BY REMOVING TRAPS OR APPLIANCES WITH INTEGRAL TRAPS.

**PURPOSE OF ISSUE**  
Do not scale from this drawing. All information should be checked by the contractor on site before commencing work. Any discrepancies should be reported to the architect immediately. All rights are reserved and are not transferable. Unauthorised reproductions of this drawing are not permitted.

GENERAL NOTES

- (1) THE CONTRACTOR IS TO CHECK AND VERIFY ALL BUILDING AND SITE DIMENSIONS, LEVELS AND SEWER INVERT LEVELS AT CONNECTION POINTS BEFORE WORK COMMENCES.
- (2) THE CONTRACTOR IS TO COMPLY IN ALL RESPECTS WITH THE CURRENT BUILDING REGULATIONS WHETHER OR NOT SPECIFICALLY STATED ON THESE DRAWINGS.
- (3) BEFORE WORK COMMENCES – ENSURE ALL PLANNING CONDITIONS AND BUILDING REGULATION CONDITIONS HAVE BEEN RESOLVED TO THE SATISFACTION OF THE LOCAL AUTHORITY.
- (4) ALL WORKERS TO COMPLY WITH THE WORKSMANSHIP CLAUSES IN BS600 SERIES AND TO BE IN FULL COMPLIANCE WITH THE BUILDING REGULATIONS.
- (5) CONTRACTOR IS TO NOTIFY BUILDING CONTROL AT THE APPROPRIATE STAGES IN CONSTRUCTION – NECESSARY FOR THEM TO DETERMINE THE WORKS STATUTORY COMPLIANCE.
- (6) THE BUILDER IS TO FAMILIARISE HIMSELF AND FULLY UNDERSTAND THE PLANS AND ANY APPROPRIATE STRUCTURAL DETAILS BEFORE ANY WORK COMMENCES ON SITE.
- (7) THE PLANS RELATING TO THE PROPOSED PROJECT TO BE EXAMINED AND APPROVED BY THE APPROPRIATE STRUCTURAL ENGINEER BEFORE COMMENCEMENT OF WORK.
- (8) DO NOT SCALE FROM PLANS. USE FIGURED AND ON SITE DIMENSIONS ONLY. IF QUERIES ARISE ON SITE CONTACT SITE AGENT.
- (9) THE CONTRACTOR IS TO CHECK ALL DIMENSIONS ON SITE PRIOR TO COMMENCEMENT OF WORK ON SITE AND ANY DISCREPANCIES BE BROUGHT TO THE ATTENTION OF THE SITE AGENT.
- (10) ALL SITE WORK TO BE CARRIED OUT TO THE BUILDING REGULATIONS 2010, ITS REVISIONS, CURRENT BRITISH STANDARDS AND CODES OF PRACTICE. ALL WORK IS TO BE SEEN AND APPROVED BY LABC C.O. PRIOR TO ANY COVERING UP OF WORK.
- (11) NO WORK IS TO BE CARRIED OUT FROM THIS PLAN UNTIL IT HAS BEEN STAMPED APPROVED BY COUNCIL BUILDING CONTROL AND PLANNING DEPARTMENTS.
- (12) ALL DRAINAGE AND FOUNDATION IS PROVISIONAL, AND SUBJECT TO THE CONDITIONS ENCOUNTERED ON SITE.
- (13) ALL CONCRETE WORK TO BE CARRIED OUT TO BS5328:1981 AND BS1282:1985.
- (14) ALL BRICKWORK TO BE CARRIED OUT TO BS5328:PART3:1985.
- (15) ALL TIMBER TO BE TREATED WITH A SUITABLE PRESERVATIVE TO BS1702:1975.
- (16) ALL WORK REGARDING THIS PROJECT IS SUBJECT TO THE BCO'S APPROVAL AND SATISFACTION.
- (17) ALL STRUCTURAL WORK MUST BE INSPECTED AT THE RELEVANT STAGES BY THE STRUCTURAL ENGINEER AND/OR THE BUILDING CONTROL OFFICER, AND COMPLY WITH THEIR REQUIREMENTS.
- (18) ALL ELECTRICAL WORK IS TO COMPLY WITH ALL THE RELEVANT REQUIREMENTS OF PART P, COMPLETION CERTIFICATE TO BE PROVIDED ON COMPLETION OF WORK.
- (19) SITE TO BE LEFT CLEAN BY CONTRACTOR AFTER COMPLETION OF PROJECT.

- CODE 4 LEAD FLASHINGS (MIN UPSTAND 150mm & MIN 150mm SPREAD ON TILE) AND CAVITY TRAPS ARE TO BE USED WHERE INDICATED.

- DOUBLE GLAZING TO BE PROVIDED TO ALL WINDOWS TO NEW STRUCTURE, THEREFORE U-VALUE OF WALLS TO BE 0.28w/m<sup>2</sup>k AND U-VALUE OF WINDOWS TO BE 1.8w/m<sup>2</sup>k, & EXTERNAL DOOR 1.8w/m<sup>2</sup>k (I.E. CONSTRUCTED AS INDICATED).

- WHERE EXISTING GROUND FLOOR IS OF THE SUSPENDED TIMBER TYPE, VENTILATION IS TO BE MAINTAINED BY DUCTING FROM EXISTING VENTS WITH 100mm EARTHENWARE PIPES LAID IN HARDWARE TO NEW EXTERNAL VENTS, GIVING A MIN VENTILATION AREA EQUIVALENT TO 3000sqmm PER METER RUN OF EXISTING PROPERTY.

- INSULATED CAVITY CLOSERS TO BE PROVIDED AT ALL WINDOWS & DOOR OPENINGS.

**NEW GROUND FLOOR**  
ALL VEGETABLE SOIL AND DELETERIOUS MATTER STRIPPED OFF SITE. LAY MIN. 150mm OF CLEAN WASHED STONE, AND FULLY COMPACTED AND FINISHED. ALL JOINTS IN DPM TO BE LAPPED MIN. 300mm. PROVIDE 100mm 'KINGSSPAN/CELOTEX/EXTRAHERM' INSULATION AS SHOWN ON SECTION. LAY MIN. 100mm CONCRETE (1:2:4-20mm AGGREGATE) SLAB FINISH SURFACE OF WITH 65mm SAND/CEMENT SCORED OR 25mm ASPHALT. EXISTING WOOD FLOOR VENTILATION: FOR VENTILATION OF EXISTING WOOD FLOOR LAY 100MM DIA PVC PIPE IN NEW GROUND FLOOR.

**PROJECT**  
50 Alan Road, Didsbury

**CLIENT**  
Mr. Irñan Rasul

**DRAWING TITLE**  
Proposed plan

**JOB NO**  
NA-B01

**SCALE**  
1:50@A2

**DATE**  
Oct. 2021

**REVISION**  
CHECKED BY -

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