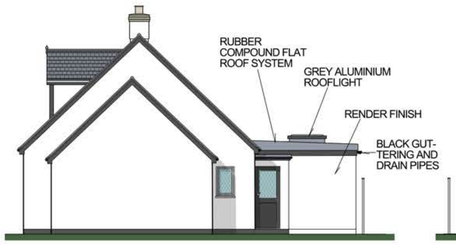
FOR PLANNING USE ONLY

PROPOSED SIDE ELEVATION WEST 1:100

PROPOSED FRONT ELEVATION SOUTH 1:100



PROPOSED SIDE ELEVATION EAST 1:100

PROPOSED REAR ELEVATION NORTH 1:100

ROOF CONSTRUCTION

TRADITIONAL WARM FLAT ROOF CONSTRUCTION BUILT ON SITE. FIBREGLASS OR RUBBER COMPOUND FLAT ROOFING SYSTEM ON 150MM KINGSPAN OR SIMILAR APPROVED DECK INSUALTION ON BREATHABLE MEMBRANE ON 22MM MARINE PLYWOOD ON 200 MM X 50MM C24 SW ROOF JOISTS AT 400MM C/C. SUPPORTED AT EAVES BY 100MM STUD WALLS TO BE STRAPPED DOWN 1000MM STUDS WITH 30X5MM GALVANISED STRAPS. ALLOW FOR LATERAL RESTRAINT TIES AT CEILING LEVEL AT 2000MM CENTRES WITH NOGGINS AND BLOCKS SECURED TO 3 NO. JOIST TO WALLS.

ALL ROOF VENTILATION TO COMPLY WITH BUILDING REGULATIONS DOCUMENT F2

PLUMBING

HEATING TO NEW ROOMS FROM HOT WATER RADIATOR LINKED INTO EXISTING BOILER . ALL NEW RADIATORS TO BE FITTED WITH TRVS.
ALL WORK TO BE INSTALLED AND COMMISSIONED BY A QUALIFIED TRADESMAN IN ACCORDANCE WITH THE DOMESTIC HEATING GUIDE 2010

WINDOWS

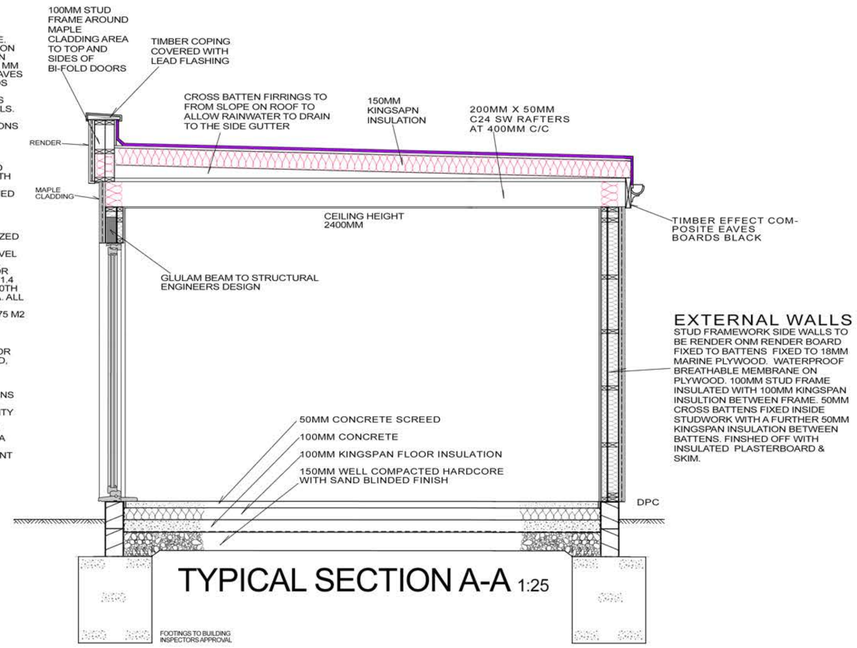
GREY ALUMINIUM WINDOWS AND BI-DOORS WITH DOUBLE GLAZED UNITS MIN.24MM COMPRISING 4MM PILKINGTON K GLASS, ALL GLASS WINDOWS UPTO A HEIGHT OF 800MM ABOVE FLOOR LEVEL AND OR WITHIN 300MM FROM A DOOR AND ALL DOORS UO TO A HEIGHT OF 1500MM ABOVE FLOOR LEVEL TO BE TOUGHENED OR LAMINATED TO B.S.6206. WINDOWS TO HAVE MAX. U VALUE OF 1.4 W/M2K. WINDOWS TO PROVIDE DAYLIGHT EQUIVALENT TO 1/10TH FLOOR AREA AND OPENABLE VENTILATION 1/20TH FLOOR AREA. ALL HABITABLE ROOMS TO HAVE FIRE ESCAPE WINDOWS WITH MIN. 450MM WIDE AND 450MM HIGH OPENINING AND MIN AREA OF 0.75 M2

ELECTRICS

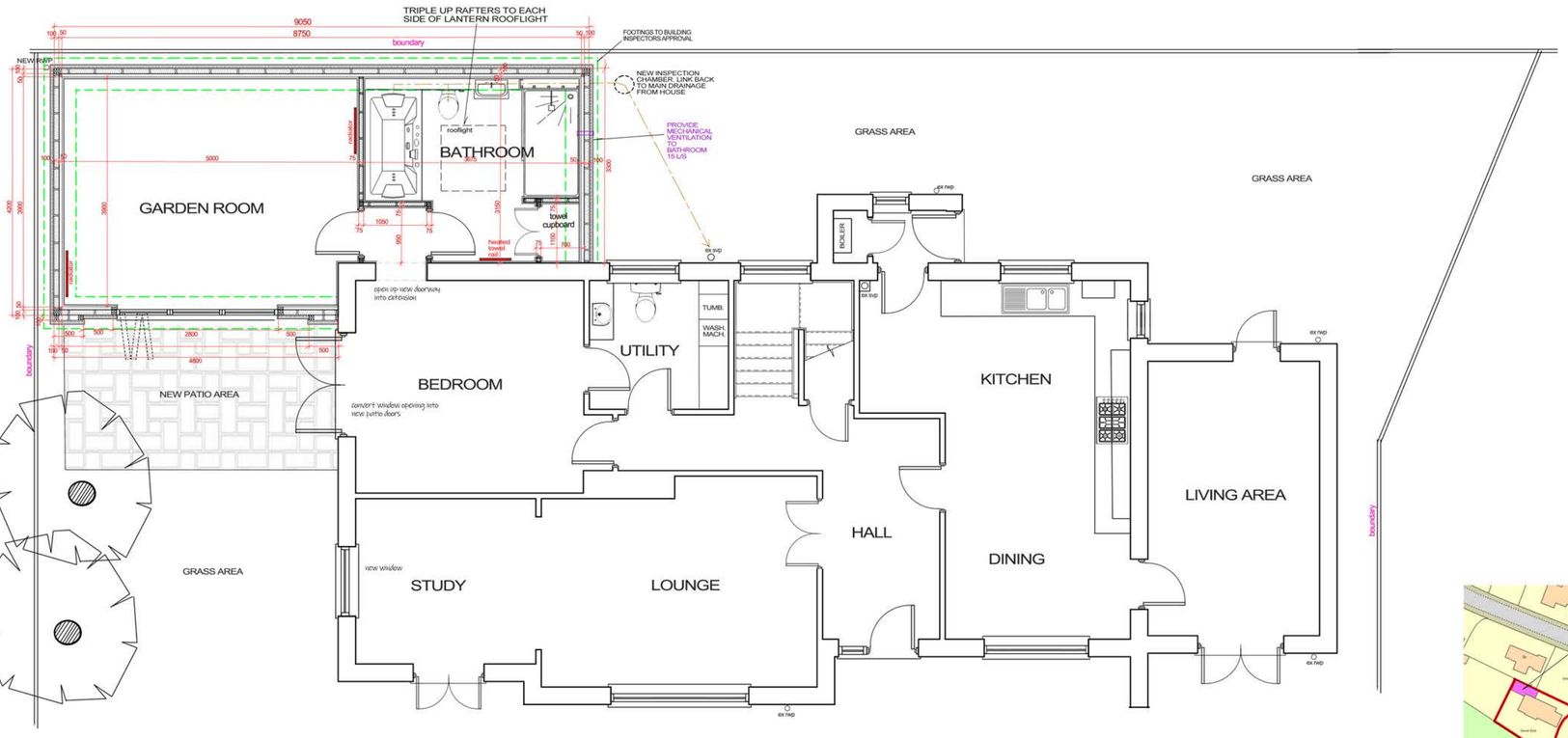
ALL SWITCHES AND SOCKETS TO BE LOCATED SO THEY ARE EASILY REACHABLE. BETWEEN 450MM AND 1200MM FROM FLOOR LEVEL. ALL WIRING AND ELECTRICAL WORKS WILL BE DESIGNED, INSTALLED , INSPECTED AND TESTED IN ACCORDANCE WITH REQUIREMENTS OF BS 7671, IEE LATEST EDITION WIRING GUIDANCE AND BULDING REGULATIONS PART P (COMPETENT PERSON MEANS MEMBER OF THE O.D.P.M. COMPETENT PERSONS SCHEME.
THE COMPETENT PERSON IS TO SEND TO THE LOCAL AUTHOIRITY A "SELF CERTIFICATION CERTIFICATE" WITHIN 30 DAYS OF THE ELECTRICAL WORKS COMPLETION, THE CLIENT MUST RECIEVE BOTH A COPY OF THE "SELF CERTIFICATION CERTIFICATE" AND A BS 7671 ELECTRICAL INSTALLATION CERTIFICATE.
ENSURE 75 PERCENT OF ALL NEW LIGHT FITTINGS ARE EFFICIENT FITTINGS

VENTILATION

WINDOW VENTILATION OPENINGS MIN. 1/20TH FLOOR AREA OF HABITABLE ROOMS. ALL WINDOWS TO HAVE TRICKLE VENTS .
PROVIDE MECHANICAL VENTILATION TO BATHROOM 15L/S



TYPICAL SECTION A-A 1:25



PROPOSED GROUND FLOOR PLAN 1:50

GROUND FLOOR -

50MM SAND AND CEMENT SCREED ON 100MM CONCRETE BASE. LAYER OF BUILDING PAPER ON KINGSPAN TF70 100MM THERMAFLOOR INSULATION ON 1200 GAUGE POLY D.P.M. SHEETING ON 150MM WELL COMPACTED AND CONSOLIDATED HARDCORE FILL (ALLOW FOR COMPACTED SAND ON HARDCORE TO AVOID TEARS IN D.P.M.. PROVIDE 25MM UP STAND OF INSULTION AROUND PERIMETER OF FLOORS

DRAINAGE

ALLOW FOR LONG RADIUS BENDS. 40MM WASTE FROM BATHS & BASINS. 50MM FROM SINKS & SHOWERS ALL WITH 75MM SEALS. 100MM WASTE FROM W.C. WITH 50MM SEAL. WHERE ANY DRAINS PASS UNDER FLOOR SLABS ENCASE IN MIN. 150MM PEA GRAVEL AND LINTELS INSTALLED WHERE THEY PASS THROUGH WALLS WITH COMPRESSIBLE MATERIAL AROUND HOLE. ANTI-SYMPHONIC TRAPS TO BE USED FOR ALL BATHROOM APPLIANCES. DRAINPIPES 100MM SUPERSLEVE LAID AT MIN. 1 IN 60 FALL TO CONNECT UP TO EXITING DRAINAGE RUN.

STORMDRAINS: 63MM DOWNPIPES TO GULLIES WITH COPPER WIRE BALLOONS AT GUTTER JUNCTIONS. GUTTERS 100MM TRUE HALF ROUND LAID TO FALL. FROM GULLIES 100MM SUPERSLEVE DRAINS TO DRAIN AWAY INTO NEW SOAKAWAY OR EXISTING DRAINAGE SYSTEM AT THE REAR

SUBSTRUCTURE WALLS

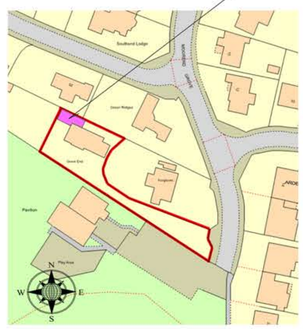
150MM CONCRETE BLOCK WALL UPTO TO DPC LEVEL. BUILD IN FULL WIDTH D.P.C AT MINIMUM 150MM ABOVE GROUND LEVEL. LINK TO D.P.M.. BUILD LINTELS WHERE SERVICES/DRAINS PASS THROUGH EXTERNAL WALLS. ENSURE MINIMUM 150MM CLEARANCE AROUND DRAINS WILL FLEXIBLE MATERIAL FILLING TO VOID SPACE.

FOOTINGS

CONCRETE STRIP FOUNDATIONS TO MIN. 1000MM BELOW GROUND LEVEL TO LOCAL AUTHORITY APPROVAL. FOOTINGS TO BE CLEAR OF ROOTS AND DEBRIS PRIOR TO POURING CONCRETE. MASS FILL TO 3 COURSES BELOW LOWEST D.P.C. LEVEL

NOTE

THE CONTRACTOR IS TO CHECK AND VERIFY ALL BULIDING AND SITE DIMENSIONS, LEVELS AND SEWER INVERT LEVELS AT CONNECTION POINTS BEFORE WORK STARTS.
THE CONTRACTOR IS TO COMPLY IN ALLASPECTS WITH CURRENT BUILDING LEGISLATION - BRITISH STANDARDS SPECIFICATIONS, BUILDING REGULATIONS ETC. WHETHER OR NOT SPECIALLY STATED ON THIS DRAWING. THIS DRAWING MUST BE READ WITH AND CHECKED AGAINST ANY STRUCTURAL, GEOTECHNICAL OR OTHER SPECIALIST DOCUMENTATION. THIS DRAWING IS NOT INTENDED TO SHOW DEATAILS OF FOUNDATIONS, GROUND CONDITIONS OR GROUND CONTAMINANTS. THE CONTRACTOR WILL INVESTIGATE THE BUILDING AREA AND A SUITABLE METHOD OF FOUNDATION FOR THE WHOLE BUILD SHOULD BE PROVIDED ALLOWING FOR EXISTING GROUND CONDITIONS. ANY SUSPECT GROUND CONDITIONS SHOULD BE FURTHER INVESTIGATED BY A SUITABLE EXPERT.
FOR ANY PRODUCTS THAT ARE TO BE ORDERED TO BE MADE OFF SITE DO NOT SCALE OFF THESE DRAWINGS. TAKE MEASUREMENTS OFF SITE.



SITE LOCATION 1:1250

PROPOSED BLOCK PLAN 1:500

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Client: PAT STRUTT

Job Title: SINGLE STOREY SIDE/REAR EXTENSION TO ROVE END, MOOREND GROVE, CHELTENHAM. GLOS

Dwg Title: PROPOSED PLANS AND ELEVATIONS SITE LOCATION AND BLOCK PLAN

Scale: 1:50 1:100 1:1250 1:500 AT A1 PAPER SIZE

Date:

Dwg No. PS002