

ALL ELECTRICAL WORKS TO BE INSTALLED AND / OR TESTED BY AN APPROVED ELECTRICIAN. A SELECT OR NIC ELECTRICAL INSTALLATION CERTIFICATE IS REQUIRED PRIOR TO ACCEPTANCE OF COMPLETION CERTIFICATE  
 ALL ELECTRICAL WORKS TO BS7671:2019 AS AMENDED AND 18TH EDITION IEE REGULATIONS  
 ALL WORKS TO THE BUILDING (SCOTLAND) ACT 2003 AND BUILDING (SCOTLAND) REGULATIONS 2004 AS AMENDED (2015)

STRIP FOUNDATIONS - 600X200MM WITH A252 WIRE MESH BOTTOM USING 21 NEWTON CONCRETE TO SAME DEPTH AS EXISTING. CAVITY FILLED TO GROUND LEVEL WITH MORTAR  
 NEW FOUNDATIONS TO BE TIED TO EXISTING WITH 3NO 16MM DIA MS 300MM LONG DOWELS WITH 150 MM PENETRATION INTO EACH  
 FLEXIBLE JOINT TO BE PROVIDED AT EXISTING FOUNDATIONS / NEW FOUNDATIONS TO ALLOW MOVEMENT  
 EXISTING GARAGE SOLUM-200MM COMPACTED BLINDED HARDCORE WITH VISQUEEN MEMBRANE WITH 200MM CONCRETE SLAB

GROUND FLOOR-19MM CHIPBOARD ON 150X50MM JOISTS AT 450MM CENTRES SECURELY FIXED TO WALLS WITH MILD STEEL JOIST HANGERS ON 150X50MM TIMBER BEARER WITH 280MM EARTH WOOL NETTED TO UNDERSIDE TO GIVE U VALUE OF 0.16W/M2K

VENTILATION-WINDOW OPENINGS TO BE GREATER THAN A 1/30TH FLOOR AREA  
 U VALUE OF NEW WINDOWS TO BE 1.6W/M2K  
 ALL NEW GLAZING LESS THAN 800MM FROM FLOOR LEVEL TO BE INSTALLED IN ACCORDANCE WITH BS6262:PART 4:2005  
 ALL NEW OPENINGS TO HAVE HORIZONTAL AND VERTICAL DPCS INSERTED  
 ALL WINDOWS TO HAVE MINIMUM 12000MM CUBED TRICKLE VENTILATION. MINIMUM HEIGHT 1750MM  
 ALL WINDOWS TO HAVE CHILD SAFETY LOCKS AND TO MEET SECURITY BY DESIGN STANDARDS  
 WINDOWS TO FITTED WITH RESTRICTORS

WALLS-100MM FACING BRICK TO MATCH. 50MM CAVITY, 0.5 BREATHABLE MEMBRANE. 9MM PLYWOOD SHEATHING, 70MM KOOLTHERM K12 IN BETWEEN 100X50 STUDS, 30 SERVICE VOID IN STUD, 32.5MM KOOLTHERM K118, 3MM SKIM TO GIVE U VALUE OF 0.21W/M2K  
 SUBSTRUCTURE - 100MM BLOCK WORK, 50MM CAVITY, 100MM BLOCK WORLD  
 TIMBER KIT TO BE TIED DOWN TO SUBSTRUCTURE WITH MILD STEEL ANCHOR STRAPS 1600X30X8MM AT 1.8M CENTRES AT BOTH SIDES OF ALL OPENINGS AND CORNERS  
 WALLS CONNECTED TO TIMBER FRAME AT 400MM VERTICAL AND 600MM HORIZONTAL CENTRES WITH STAINLESS STEEL STRAPS  
 NEW WALL CONNECTED EXISTING WITH FURFIX WALL STARTER SYSTEM  
 CAVITY WALL VENTED BY PREFORMED PLASTIC WEEP HOLES AT LEAST EVERY 1.2M CENTRES AT TOP (EAVES AND VERGES) AND BOTTOM OF CAVITY WALLS TO ALLOW VENTILATION

ROOF SPECIFICATION OUT WITH UPSTAIRS BEDROOM  
 INSULATION -MARLEY TILE OR SIMILAR TO MATCH  
 EXISTING TYPE 1F FELT ON 18MM SARKING ON MANUFACTURED ROOF TRUSSES, APPROXIMATELY 30 DEGREES, 100MM K7 ROOF INSULATION LAID IN BETWEEN ROOF TRUSSES, 140MM CROWN FRAMETHERM BATT LAID IN OPPOSITE DIRECTION, 12.5MM PLASTERBOARD TO GIVE U VALUE OF 0.13W/M2K  
 ROOF VENTED HIGH RIDGE VENT SYSTEM AND CONTINUOUS 25MM SOFFIT VENT

BOILER IS VOLCANO 24 OR SIMILAR (78% EFFICIENCY)  
 PARTITIONS AT BOILER FORMED WITH 100X50MM TIMBER STUDS AT 600MM CENTRES SECURELY FIXED TO ADJACENT WALL AND CEILINGS WITH HILTI BOLTS OR SIMILAR FACED WITH 12.5MM PLASTERBOARD (MINIMUM MASS OF 10KG/M2)  
 BOTH BOILER DOOR TO BE VENTED HIGH AND LOW WITH A 225X150MM LOUVRED VENT

SMOKE AND CARBON MONOXIDE TO BE INTERLINKED ON PROTECTED CIRCUIT WITH SUITABLE BACKUP SUPPLY FITTED 300MM FROM WALLS AND LIGHT FITTINGS

RADIATORS TO BE FITTED WITH TVRS  
 ALL ELECTRICAL FIXTURES TO BE LOCATED 350MM FROM INTERNAL CORNERS, PROJECTING WALLS OR SIMILAR PROJECTIONS AND NO HIGHER THAN 1200MM FROM FLOOR LEVEL  
 CAVITY CLOSURES TO BE INSULATED TO LIMIT THERMAL BRIDGING AT JUNCTIONS AND OPENINGS  
 ALL JOINTS TAPED AND FILLED TO PREVENT AIR INFILTRATION RIGID FOAM INSULATION AROUND PIPES AND DUCTS

DRAWING NO ST 2  
 PROPOSED GARAGE CONVERSION FOR SUSAN THOMSON AT 46 ST. JOHN'S BOULEVARD UDDINGSTON G71 7JF  
 THIS IS A COPY OF THE PLANS REFERRED TO IN THE APPLICATION  
 SIGNED [REDACTED]  
 DATED 21.4.22

