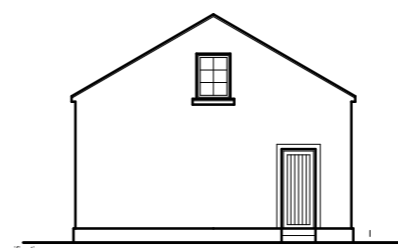
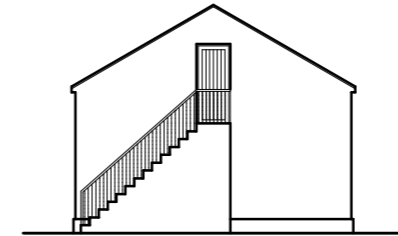
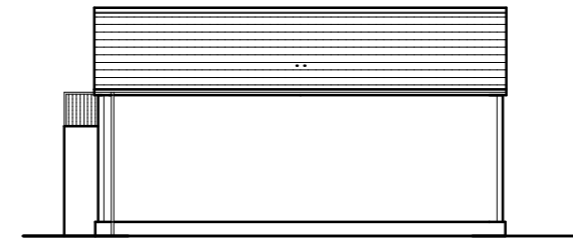
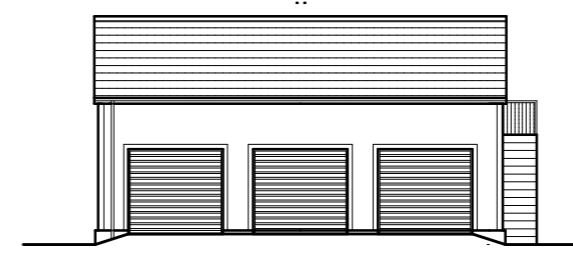


GROUND FLOOR PLAN



FIRST FLOOR PLAN



Stair Specification
 Total Rise = 2925mm (CHECK ON SITE)
 15 Rises = 195mm
 14 Goings = 235mm
 Exact Total Rise To Be Determined On Site.
 1100mm high guarding & to withstand a min. horizontal force of 0.74kN/m

WALL RESTRAINTS - LATERAL RESTRAINT BY FLOORS AND ROOFS:

4C.21 WALLS IN EACH STOREY OF A BUILDING SHOULD EXTEND TO THE FULL HEIGHT OF THAT STOREY, AND HAVE HORIZONTAL LATERAL SUPPORTS TO RESTRICT MOVEMENT OF THE WALL AT RIGHT ANGLES TO ITS PLANE.

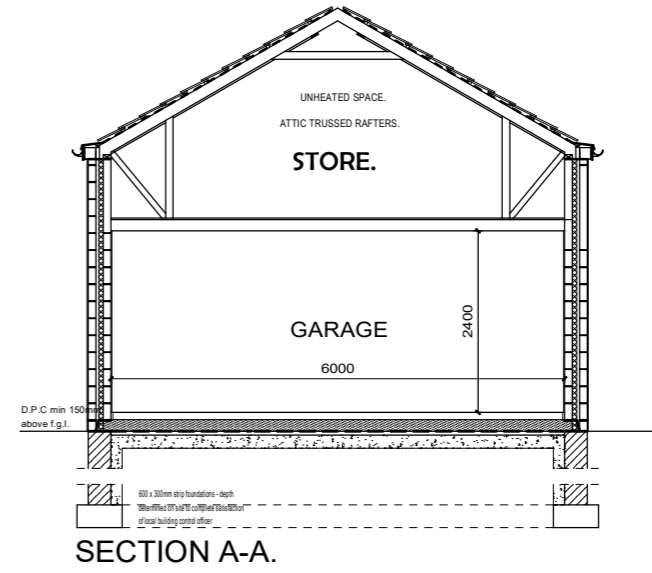
4C.22 FLOORS AND ROOFS SHOULD -
 (A) ACT TO TRANSFER LATERAL FORCES FROM WALLS TO BUTTRESSING WALLS, PIERS OR CHIMNEYS; AND
 (B) BE SECURED TO THE SUPPORTED WALL BY CONNECTIONS SPECIFIED IN PARAGRAPHS 4C.23 TO 4C.25 AND TABLE 4C.8.

4C.23 THE WALL SHOULD BE STRAPPED TO THE FLOORS ABOVE GROUND LEVEL, AT INTERVALS NOT EXCEEDING 2 M AND AS SHOWN IN DIAGRAMS 4C.12(A), (B) AND (C) BY TENSION STRAPS CONFORMING TO BS EN 845-1. FOR CORROSION RESISTANCE PURPOSES, THE TENSION STRAPS SHOULD BE MATERIAL REFERENCE 14 OR 16.1 OR 16.2 (GALVANISED MILD STEEL) OR OTHER MORE RESISTANT SPECIFICATIONS INCLUDING MATERIAL REFERENCES 1 OR 3 (AUSTENITIC STAINLESS STEEL). THE MINIMUM CROSS-SECTION OF THE STRAP SHOULD BE 30 MM X 3 MM.

4C.24 TENSION STRAPS NEED BE NOT PROVIDED -
 (A) IN THE LONGITUDINAL DIRECTION OF FLOOR JOISTS IN HOUSES OF NOT MORE THAN 2 STOREYS, IF THE JOISTS ARE AT NOT MORE THAN 1.2 M CENTRES AND HAVE AT LEAST 90 MM BEARING ON THE SUPPORTED WALLS OR 75 MM BEARING ON A TIMBER WALL PLATE AT EACH END;
 (B) IN THE LONGITUDINAL DIRECTION OF FLOOR JOISTS IN HOUSES OF NOT MORE THAN 2 STOREYS, IF THE JOISTS ARE CARRIED ON THE SUPPORTED WALL BY JOIST HANGERS IN ACCORDANCE WITH BS EN 845-1 OF THE RESTRAINT TYPE DESCRIBED IN BS 5263 PART 1 AND SHOWN IN DIAGRAM 4C.12(D), AND ARE INCORPORATED AT NOT MORE THAN 2 M CENTRES;
 (C) WHEN A CONCRETE FLOOR HAS AT LEAST 90 MM BEARING ON THE SUPPORTED WALL (SEE DIAGRAM 4C.12(E)); AND
 (D) WHERE THE FLOOR IS AT, OR ABOUT, THE SAME LEVEL ON EACH SIDE OF THE WALL, AND CONTACT BETWEEN THE FLOORS AND THE WALL IS EITHER CONTINUOUS OR AT INTERVALS NOT GREATER THAN 2 M WHERE CONTACT IS INTERMITTENT, THE POINTS OF CONTACT SHOULD BE IN LINE, OR NEARLY IN LINE, ON PLAN.

TRUSSED RAFTER ROOF TO BE DESIGNED AND MANUFACTURED BY APPROVED MANUFACTURERS IN ACCORDANCE WITH BS 5266 PART 3 (1985) BRACING TO TRUSSED RAFTERS TO BE ACCORDANCE WITH BS 5266 PART 3 (1985).

(A) PROVIDE 5 ROWS OF 100 X 25 LONGITUDINAL BRACING AT NOSE POINTS
 (B) PROVIDE 100 X 25mm DIAGONAL BRACING OVER FULL LENGTH OF ROOF
 (C) WHERE SPAN OF TRUSSED RAFTER EXCEEDS 8.0m PROVIDE CHEVRON BRACING TO SHORT WEBS TWICE WAILED AT APPROXIMATELY 45 DEGREES OVER MIN 3 No. TRUSSED MEMBERS EACH TIME



CLIENT	SHANE & SHARON TRAINOR.	
PROJECT	DWELLING & GARAGE AT SITE NEWRY RD, HILLTOWN.	
DRAWING TITLE	GROUND FLOOR PLAN & SECTIONS.	
SCALE	1/50	JOB No. 2544.
DATE	NOV. 2021.	DRAWING No. BC01.
AGENT	Martin J Bailie MBIAT 44 Silver Road, Mayobridge, Newry, BT34 2HS. TEL: 028 851 910. Email: info@martinbailie.co.uk	