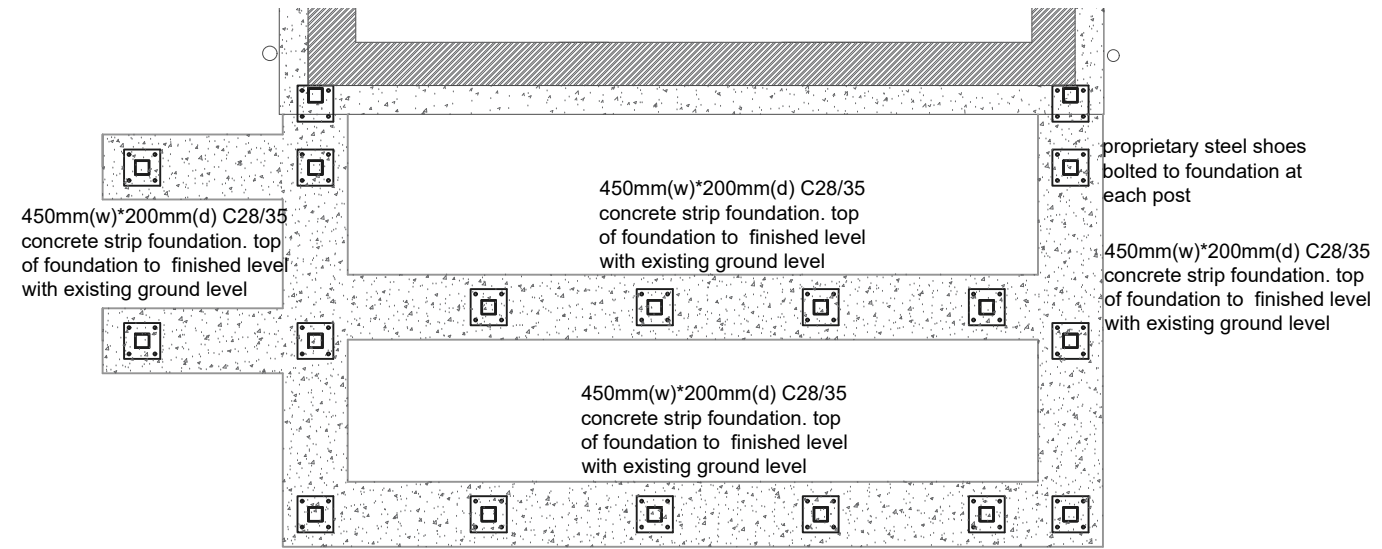
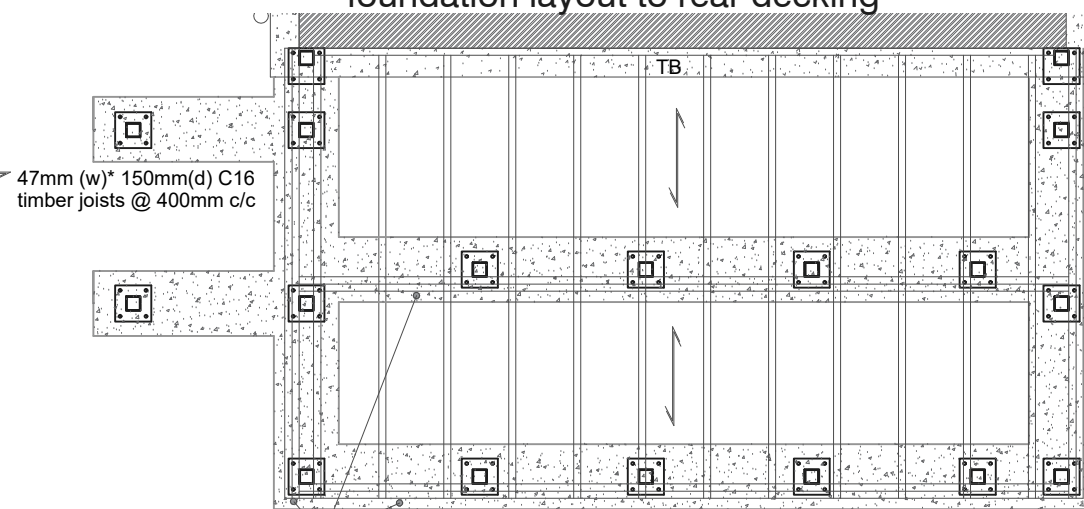


section thro' decking (typical)



foundation layout to rear decking



joist layout to rear decking

STAIRS AND BALUSTRADE:

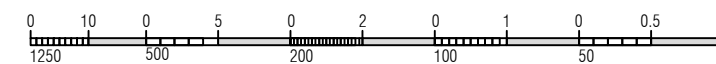
STAIR & BALUSTRADE TO BE OF ADEQUATE STRENGTH AND STIFFNESS TO SUSTAIN THE APPLIED LOADS GIVEN IN TABLE 4 OF BS 6399-1:1996 WITHOUT PERMANENT DEFLECTION OR DISTORTION LOADS

HORIZONTAL UDL 0.74 kN/m
UDL APPLIED TO INFILL 1.0 kN/m²
POINT LOAD TO PART OF INFILL 0.50 kN

TIMBER DECKING:

GENERAL TIMBER DECKING REQUIREMENTS TO BE IN ACCORDANCE WITH FOLLOWING SPECIFICATION:

- STRUCTURE TO PROVIDE MINIMUM SERVICE LIFE OF 15 YEARS.
- TIMBER: NATURALLY DURABLE OR PRE-TREATED TO THE CORRECT USE CLASS:
- USE CLASS 4 TREATMENT: FOR POSTS AND OTHER STRUCTURAL COMPONENTS IN DIRECT GROUND OR FRESHWATER CONTACT.
- USE CLASS 3 TREATMENT: FOR ALL COMPONENTS OUT OF DIRECT GROUND CONTACT SUBJECT TO FREQUENT WETTING.
- RESISTANT TO DECAY TO BE USED IN ACCORDANCE WITH BS EN 335.
- TIMBER JOISTS TO BE SIZED SUITABLY TO PROVIDE LEVEL THRESHOLD BETWEEN HOUSE, DECK AND STAIR FLIGHTS. JOISTS TO BE SPACED AT 400MM CTRS MAX.
- TIMBER GRADE (STRENGTH CLASS): C16 MINIMUM
- TIMBER MOISTURE CONTENT AT INSTALLATION: 20% MAXIMUM
- FIXINGS TO BE SELF-COUNTERSINKING STAINLESS STEEL, WHERE VISIBLE. HOLES TO BE PRE-DRILLED TO AVOID SPLITTING OF TIMBER. AT ALL JOIST CROSSING POINTS SECURE BOARDS WITH TWO FIXINGS POSITIONED AT THE OUTER 1/4 POINTS OF THE DECKBOARD IE 25% IN FROM EITHER EDGE. ON GROOVED BOARDS FIXINGS SHOULD ALWAYS BE AT THE BOTTOM OF GROOVES.
- FALLS: A FALL OF 1° (1:100MIN) TO BE FORMED. GROOVED DECKBOARDS ARE DESIGNED TO ASSIST DRAINAGE OF SURFACE WATER, LAY THEM IN THE DIRECTION OF FALL.
- THE TDA/TRADA TIMBER DECKING MANUAL.
- BRITISH STANDARDS: BS EN 335-1; BS EN 335-2; BS EN 335-3; BS EN 350-1; BS EN 350-2; BS EN 351-1; BS EN 351-2; BS EN 460; BS EN 599-1; BS 8417; BS 5756: 1985; BS 6105: 1981; BS 6399-1: 1996; BS 7359: 1991; BS 5268-2: 2002; BS 6180: 1999; BS 6399-1: 1996.
- SETTING OUT OF DECK TO BE COORDINATED WITH EXTENSION SETTING OUT.
- BOARD SPACING: 5MM MIN - 8MM MAX; WHERE BOARD ABUTS A POST ALLOW 5MM; WHERE BOARD ENDS MEET ALLOW 3MM.



REVISION	DESCRIPTION	DATE
 Structural Engineers & Design Consultants The foundation of your project		
EZY ENGINEERING THE FUNDAMENTA GROUP CLYDE OFFICES, 48 WEST GEORGE STREET, GLASGOW, G2 1BP Tel: 07456929746 Email: ezy@fundamentagroup.co.uk		
PROJECT FUN/CAI/01 PROPOSED INTERNAL ALTERATIONS & ALTERATIONS TO REAR ROOF 1 CAIRNGORM ROAD, GLASGOW		
TITLE PROPOSED DECKING LAYOUT & SPECIFICATION		
DRAWN BY RC	CHECKED BY BA	DATE 23/02/2024
DRAWING NUMBER S/04	REVISION SCALE	A NTS
STATUS FOR APPROVAL		