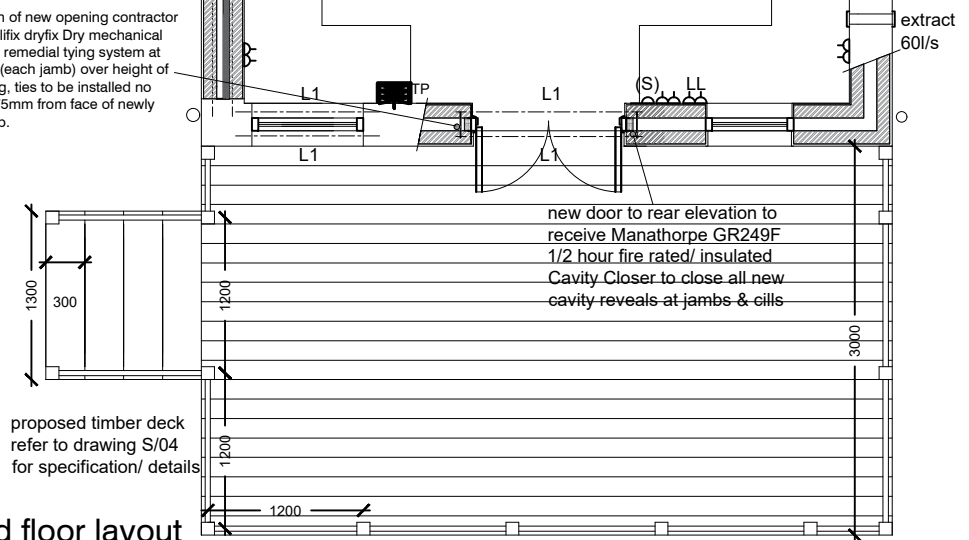


on formation of new opening contractor to install Helifix dryfix Dry mechanical pinning and remedial tying system at 225mm c/c (each jamb) over height of new opening, ties to be installed no more than 75mm from face of newly formed jamb.

note: kitchen layout indicative, refer to kitchen manufacturers drawings for actual layout

proposed floor layout



new door to rear elevation to receive Manathorpe GR249F 1/2 hour fire rated/ insulated Cavity Closer to close all new cavity reveals at jambs & cills

proposed timber deck refer to drawing S/04 for specification/ details

- KEY**
- ⊕ LIGHT PENDANT
 - SP ⊕ SPOT LIGHT
 - ⊖ EXTERNAL LIGHT FITTING
 - ⊕ INTERNAL WALL LIGHT
 - ⊙ CEILING/WALL MOUNTED EXTRACT FAN
 - ⊖ TWIN 13A SOCKET
 - ▷ SINGLE 13A SOCKET
 - ⊖(S) FUSED 13A SOCKET (SPUR)
 - ↗ LIGHT SWITCH
 - ↘ 2 WAY LIGHT SWITCH
 - ← TELEVISION POINT
 - ◀ TELEPHONE POINT
 - ⊙(SD) SMOKE DETECTOR (MAINS CONNECTED)
 - ROOM THERMOSTAT
 - ⊕(H) HEAT DETECTOR WIRED TO MAINS WITH BATTERY BACKUP.
 - ⊕(CM) CARBON MONOXIDE DETECTOR

KITCHEN LAYOUT- kitchen storage of at least 1m² should be provided either within or adjacent to the kitchen. kitchen layout is indicative refer to clients/ kitchen manufacturers drawings for actual layout.

STRUCTURAL SPECIFICATION

B1 denotes 203 x 133 x 25 UKB S355
 L1 denotes Robeslee Type C lintel
 TP denotes timber column to be formed using 3no. 47mm(w) x 225mm(d) C24 timbers, inner stud fixed a specified and 2no. outer studs spiked back to inner stud with 3 rows of 3.1x90mm galvanised ring shank nails at 300mm c/c vertically timbers to be glued together using high strength cross-linking PVA glue
 PS denotes 300mm(l) x 215mm(d) x 100mm(w) concrete padstone U.N.O
 All rolled open steel sections to be grade S355J0 (internally) to current editions of BS4-1 2005 & be in accordance with BS EN 1993-1-1:2005. all connections as specified, fireproofing to be as per details or 15mm thk. Fireline board where not specified. taped & skim finish.


INFILL MASONRY ABOVE EXISTING WINDOW/ DOOR AT REAR PORCH -
 to consist of the following:- 100mm thk. concrete block with render (to match existing), 100mm cavity (50mm cavity space), 50mm Kingspan kooltherm K108, 100mm blockwork with 13mm thk. plaster, finished to allow for decoration. wall ties to be Halfen HTS-C12 (200mm long) at 450mm vertically & 900mm horizontally.

FOUNDATION / UNDERBUILDING TO NEW PLATT STAIRS
 FOUNDATION TO CONSIST OF A 625mm(w)* 200mm THK. C35 / 45 CONCRETE STRIP FOUNDATION WITH 1no. LAYER OF A393 MESH 40mm COVER.

CONCRETE PLATT TO CONSIST OF A 167mm THK. C35 / 45 CONCRETE SLAB, SLAB TO BE FORMED USING RDL RIBDECK E60 (0.9mm GAUGE) & GALVANIZED EDGE TRIM AND RESTRAINT STRAPS (INSTALLED AS PER MANUFACTURERS RECOMMENDATIONS) ALL WITH 1no. LAYER OF A252 MESH. RDL RIBDECK E60 TO BE SECURED TO MASONRY USING HILTI HFS-1 HAMMER SCREWS & HILTI X-SW SOFT WASHERS (INSTALLED AS PER MANUFACTURERS RECOMMENDATIONS)

MASONRY TO STAIRS / PLATT TO CONSIST OF 225mm thk. CLASS B ENGINEERING BRICK (50.0N/mm² COMPRESSIVE STRENGTH) BUILT IN MORTAR DESIGNATION (iii) / M4 1: 5 to 6 CEMENT: SAND with or without air entrainment. ALL TO RECEIVE A ROUGHCAST FINISH TO MATCH EXISTING.

DRAWING WARNINGS -
 These drawings are produced primary for the purposes of obtaining local authority approvals. If being used for costing purposes, they must be regarded as a guide only, as they may not show or specify all works, materials, fittings, or finishes required or expected to be incorporated. these drawings are for building control approval only and are subject to amendment due to building warrant observations and any works carried out by the client prior to building warrant approval is at clients own risk.
 a) it is the contractor's responsibility to check on site all measurements show on these drawings & it is the contractor's responsibility to check on site all measurements prior to ordering or instruct the fabrication of materials.

REVISION	DESCRIPTION	DATE
 Structural Engineers Design Consultants		
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 LAYOUT		
DRAWN BY RC	CHECKED BY BA	DATE 09/12/2023
DRAWING NUMBER S/02	REVISION SCALE	- 1:50 @A3
STATUS FOR APPROVAL		