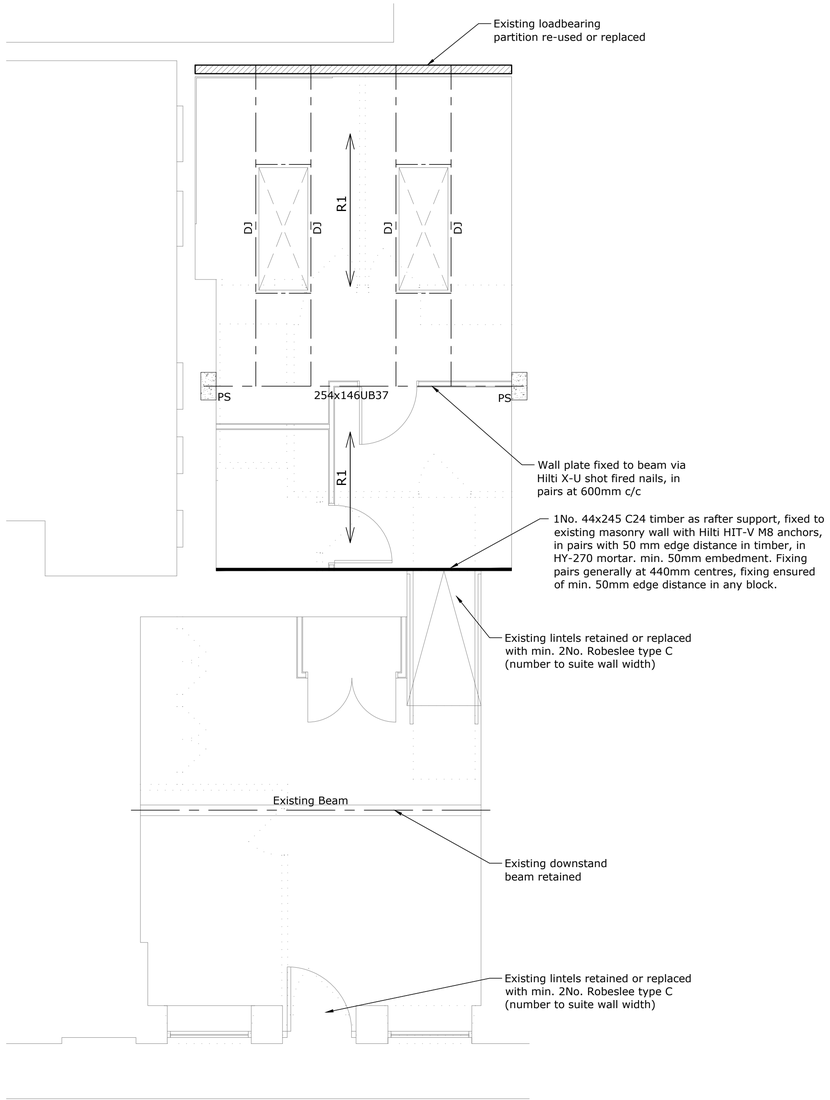
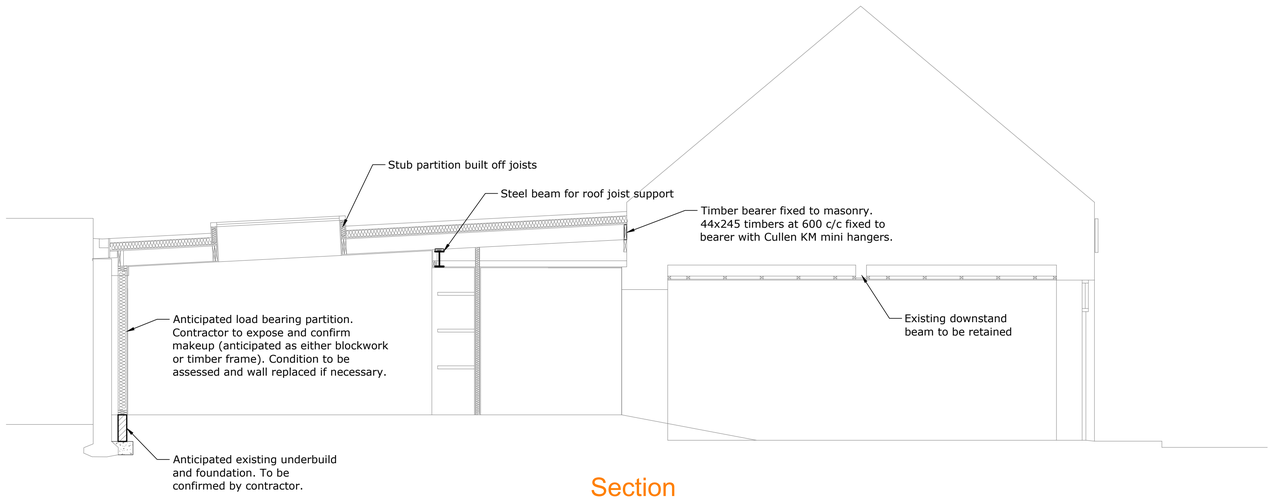


Ground Floor Plan

Scale 1:50



Section

Scale 1:50

BLOCKWORK:-

1. Blockwork to be dense concrete blockwork with a minimum crushing strength of 7.3N/mm² unless otherwise noted.
2. All blockwork walls to be constructed with 1:1:5 to 6 (M4) mortar unless otherwise noted, in accordance with the masonry specification.
3. 140/150mm thick blocks to be constructed using lightweight block with a minimum crushing strength of 7N/mm² or with dense concrete shortened blocks, (ie. 325mm long). No unit to weigh more than 20kg.
4. Lintels to external leaf openings to be Robeslee, or equal approved. All lintels to be installed in accordance with Robeslee recommendations. All composite lintels with spans greater than 1500mm must be supported at 1/4 points until the mortarwork has matured.

TIMBER FRAME

1. All timber to be in accordance with BS 5268 - 2, 2002.
2. Timbers to be class C16 with maximum moisture content of 18% unless shown otherwise.
3. External timber frame wall panels to be constructed from 38x140mm C16 studs at a maximum of 600mm centers.
4. Internal timber frame wall panels to be constructed from 38x89mm C16 studs at a maximum of 600mm centers.
5. Lintels to timber frame openings as per associated drawings; (all with 1no. cripple stud unless noted otherwise on plan, thus: (x))
6. Any beams, multiple trusses or trimmer joists shown on the plan should have cripple studs provided below them. The number of cripple studs should ensure the member above has a full bearing.
7. Any cripple studs shown on upper levels should also be carried down through all lower levels.
8. Timber to timber hangers to be KH - Kwiki hangers by Cullen, unless shown otherwise.
9. Wall ties to be Cullen FT or equal approved at a minimum average density of 4.4 per square metre. Generally at 450 vertical & 600mm horizontal centres.
10. 30 minutes fire protection to be provided by 1 layer of 12.5mm plasterboard.
11. Refer to Nailing Schedule and specific details for fixing of panels.
12. OSB/3 fixed to outside of studs in accordance with Nailing Schedule or as noted on layout.

GLAZING PANELS:-

1. All Glazing and frames to be from the NTech window system, by Nordan, or similar approved system.
2. If an alternative system is used all glazing panels must be provided, by the window supplier/manufacturer, to the engineer along with calculations or certification for the window system prior to manufacture of windows.
3. Glazing to be designed for a wind load of 0.61 kN/m².
4. Glazing Installation to comply with B.S. 6262:2005 - Parts 1 to 7 and B.S. 5516:2004 - Parts 1 and 2.
5. Lug fixing to masonry and concrete to be 1 no. Rawlplug FF1-K-A4 Nylon Frame fixing with collar hex head screw at maximum 450mm centres around the perimeter of window.
6. Any glass installed in a non-vertical application should be designed to comply with B.S. 5516:2004 - Part 1.

SUPPLEMENTARY STEELWORK:-

1. Fabrication is to be carried out in accordance with BS EN 1090-2, Execution Class 2 (EXC2).
2. All internal steelwork except hot rolled hollow sections to be of minimum grade S355 J0 in accordance with BS EN 10025-2.
3. All steel plate for connection details to be S275 steel unless noted otherwise.
4. All black bolts to be ISO metric black hexagonal bolts to B.S. 4190 grade 8.8 unless otherwise shown.
5. All welding to be carried out in accordance with B.S. 5135.
6. Painting.
   a. Following fabrication, the steelwork shall be blast cleaned to B.S. 7079 second quality.
   b. Immediately after cleaning the steelwork, it shall be protected with one coat of zinc phosphate modified alkyd high build primer to a dry film thickness of 75 microns.
   c. Steelwork built into external walls shall receive two site applied coats of high build bitumen to 100 microns thickness, to concealed faces.
   d. Following erection of the steelwork, any damaged paintwork shall be made good.
   e. For finishing coats to exposed steelwork refer to architect's drawings. Contractor to ensure decorative paints are compatible with the primer coat.
9. Fabricator is to ensure the steelwork should either be protected during site storage and erection, or given a suitable primer coat. The dry film thickness should be appropriate for the expected storage time and severity of the storage environment. If in doubt, please ask.
10. Washers to be provided under all nuts including those at purlins and sheeting rails.
11. Exact lengths of new steelwork shall be determined by the contractor.
12. Contractor to agree erection sequence with Principal Contractor and must ensure the work is securely bolted and, if necessary, shall provide temporary bracing or other members to cater for all erection stresses and conditions including those due to erection equipment and its operation.
13. For fire protection to steelwork refer to architect's drawings.
14. Padstones to be grade C20 concrete, 440mm long X 215mm deep x wall thickness unless shown otherwise. Steelwork to be fixed to padstones via 2 No. M12 Kemfix anchors or alternatively by M12 Ragbolts in preformed pockets (unless noted otherwise).
15. Steel members to be fabricated with lifting hooks/eyes to allow members to be lifted on-site. Position of hooks/eyes to take into account the lifted member's centre of gravity. Steel members to roof to be provided with hooks to support roof safety nets.

KEY

R1 — 44x245 C24 timbers at 400mm c/c as rafters. Ply sarking fixed to top, full depth dwangs at 1.2m c/c

DJ — Double joist

PS — Padstone of grade C20 concrete, 450mm long x 215mm deep x wall thickness UNO. Steelwork fixed to padstone with 2No. M12 resin anchors

All support studs to beams and lintels replicated on the floor below, continuous support ensured down to foundation.

All timber to timber connections to be Cullen Kwiki hangers unless otherwise stated.

Each lintel to be supported on 1 number cripple stud each end and 1 full height stud, unless noted otherwise. Number of cripple studs noted as (Nº) on plan where in excess of 1.

CONSTRUCTION

Warrant

REV B
title blocks updated. Revised for Construction
03 02 2023 BR

REV A
ENTRANCE AMENDED
24 02 2022 BR

HUNTLY TRAVEL HUB

11 DEVERON STREET
HUNTLY

HUNTLY DEVELOPMENT TRUST

GF LAYOUT & NOTES

REF: 825-S-01 REV: B

DATE: DECEMBER 2021 SCALE: as shown

DRAWN: P: W: T:

CHECKS: P: W: T:

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