

L1 - CATNIC CG 90/125 CAVITY WALL LINTEL
L2 - CATNIC CH110/100 CAVITY WALL LINTEL
LINTELS TO HAVE MIN 150MM BEARING

NEW WALLS TO BE TIED TO EXISTING WITH ANCON STAFIX UNIVERSAL WALL STARTER SYSTEM OR SIMILAR APPROVED. JOINT SEALANT TO ARCHITECT'S SPEC.

ASSUMED SPAN OF EXISTING FLOOR JOISTS - TBC ON SITE

CONTRACTOR TO CONFIRM
EXISTING BEAM DETAIL ON SITE
PRIOR TO ORDERING NEW STEEL.

EXISTING FLOOR JOISTS AND
WALL ABOVE TO BE PROPPED
DURING INSTALLATION OF NEW
STEEL.

EXISTING JOIST SIZE + LEVEL TO BE
CONFIRMED ON SITE BY
CONTRACTOR PRIOR TO FORMING
NEW OPENING.

STEEL TO HAVE
MIN 150MM
BEARING. FIXED
TO PADSTONE
WITH 2NO. RESIN
ANCHORS

225 X 50 (C24) WALL PLAT
WITH TRUSS CLIPS FULLY
NAILED AT EACH RAFTER

This diagram illustrates a cross-section of a roof assembly. It shows a sloped roof surface with a waterproofing layer. A horizontal joint or transition is depicted. Red arrows indicate the path of water penetration: one arrow points down through a gap in the waterproofing, another points down through a crack in the waterproofing, and a third points down through a gap in the waterproofing. A fourth red arrow points up from below the waterproofing layer, indicating capillary action or vapor drive. The diagram highlights the importance of proper waterproofing and sealing at roof joints.

2N0. 203 X 133 X 30UB
BOLTED TOGETHER WITH
H12 BOLTS AT 600 C/C —
STAGGERED CENTRES WITH
48.3 X 3.2 SPACER

SECTION A-A (1:20)



JOISTS

PLATE WITH PROPRIETARY TRUSS CLIPS

100MM THK BRICK

UP ADJACENT TO WINDOW OPENINGS

JOIST TO BE TRIMMED BACK
TO ACCOMMODATE
OPENING

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JOIST TO BE TRIMMED BACK
TO ACCOMMODATE —
OPENING

Architectural floor plan of a building extension. The plan shows a rectangular extension with a dashed red line indicating a new 900mm wide door opening. Key structural elements and notes include:

- Outer Leaf:** 100mm thick facing brickwork to match existing, M6 mortar.
- Steel Reinforcement:** Steel to have min 150mm bearing, fixed to padstone with 2No. resin anchors.
- Existing Joists:** Existing joist size +1 level to be confirmed on site by contractor prior to forming new opening.
- Floor Joists:** Existing floor joists and wall above to be propped during installation of new steel.
- Beam Detail:** Contractor to confirm existing beam detail on site prior to ordering new steel.
- Door Opening:** Cavity wall to be reinstated adjacent to new 900mm wide door opening.
- Structural Labels:** PS1, L1, L2, B, A, C, K7N, (24) ROOF, EXISTING ON SITE.
- Dimensions:** 203 X 133 X 30 UB (S355), 203 X 133 X 30 UB (S355).

TYPICAL ROOFLIGHT TRIMMER DETAIL

MANCHESTER
CITY COUNCIL

Capital Programmes
Division

Manchester City Council
PO Box 532, Town Hall
Manchester
M60 2LA

DRAWING STATUS

FOR INFORMATION

PROPERTY TITLE
15 Swanley Avenue
Manchester
M40 8GB

UPRN
NO UPRN

DFFE NO.
-

PROJECT TITLE
15 Swanley Avenue

DRAWING TITLE
Superstructure Plan

JOB NO
NW/45318

DATE
23/08/22

REV
2

SCALE
1:100

AUTHOR
RH

CHECKED BY
MB

APPROVED BY

DRAWING NO.
004

GENERAL NOTES:

1. ALL WORKS TO BE CARRIED OUT BY A CONTRACTOR EXPERIENCED IN THIS TYPE OF WORK.

2. ALL LEVELS ARE IN METERS UNLESS NOTED OTHERWISE.

3. ALL DIMENSIONAL INFORMATION CONTAINED ON THE DRAWING TO BE CHECKED BY THE CONTRACTOR PRIOR TO CONSTRUCTION.

4. ANY DISCREPANCIES FOUND BETWEEN DRAWINGS AND SITE DIMENSIONS: DESIGN TEAM TO BE INFORMED IMMEDIATELY.

5. ALL TEMPORARY WORKS TO BE DESIGNED BY THE CONTRACTOR. TEMPORARY WORKS MUST ENSURE THE STABILITY OF THE EXISTING STRUCTURE.

HEALTH AND SAFETY:

1. ALL CONSTRUCTION OPERATIONS SHALL BE CARRIED OUT IN ACCORDANCE WITH THE REQUIREMENTS OF THE CURRENT TOWN REGULATIONS. HEALTH AND SAFETY AT WORK ACT COSHH REGULATIONS AND ALL OTHER HEALTH AND SAFETY AND WELFARE LEGISLATION.

2. PRIOR TO COMMENCING WORKS CONTRACTOR TO LAISE WITH MANCHESTER CITY COUNCIL TO ENSURE SAFE WORKING.

CONCRETE:

1. CONCRETE MIX SPECIFICATION & DESIGN IN ACCORDANCE WITH BS8960 PART 1 & 2: 2006.

2. MINIMUM CONCRETE MIX SPECIFICATIONS: RC28/35.

3. 20MM GRAVEL AGGREGATE ASSUMED UNLESS NOTED OTHERWISE.

4. CONCRETE SPECIFICATION FOR GROUND BEAMS BY CONTRACTOR REINFORCEMENT:

1. ALL PLAIN REINFORCEMENT IN ACCORDANCE WITH BS4449 2006 + A2:2009

2. ALL FABRIC REINFORCEMENT IN ACCORDANCE WITH BS4483:2005

3. ALL STRUCTURAL LOOSE BAR REINFORCEMENT AND FABRIC DESIGNED ON THE BASIS OF REINFORCING BAR GRADE B500B MINIMUM LAPS TO BE 40 X BAR DIAMETER UNLESS NOTED OTHERWISE.

STEEL:

1. ALL STRUCTURAL DESIGN, FABRICATION AND ERECTION TO BE IN ACCORDANCE WITH BS EN 1993.

2. ALL STRUCTURAL STEELWORK TO BE BS EN 10025 GRADE S355 JR.

3. ALL STRUCTURAL STEELWORK TO BE BATH HOT DIP GALVANIZE TO BS EN ISO 1461 : 2009 BY A MEMBER OF GALVANIZERS ASSOCIATION A MINIMUM AVERAGE COATING THICKNESS OF 85 MM TO ACHIEVE A 50 YEAR LIFE SPAN.

4. ALL BOLTS TO STEEL/STEEL CONNECTIONS TO BE MINIMUM GRADE 8.8 AND M16 UNLESS NOTED OTHERWISE STATED.

5. ALL WELDS TO BE A MINIMUM 6MM PPHV.

EXISTING DIMENSIONS ARE INDICATIVE AND PROVIDED FOR INFORMATION ONLY. ALL EXISTING DIMENSIONS TO BE CONFIRMED ON SITE BY THE CONTRACTOR PRIOR TO WORK STARTING.

ASSUMED EXISTING JOIST SPAN - TO BE CONFIRMED BY THE CONTRACTOR BEFORE DOWN TAKING EXISTING WALLS

TEMPORARY PROPPING REQUIREMENTS TO BE CONFIRMED BY CONTRACTOR