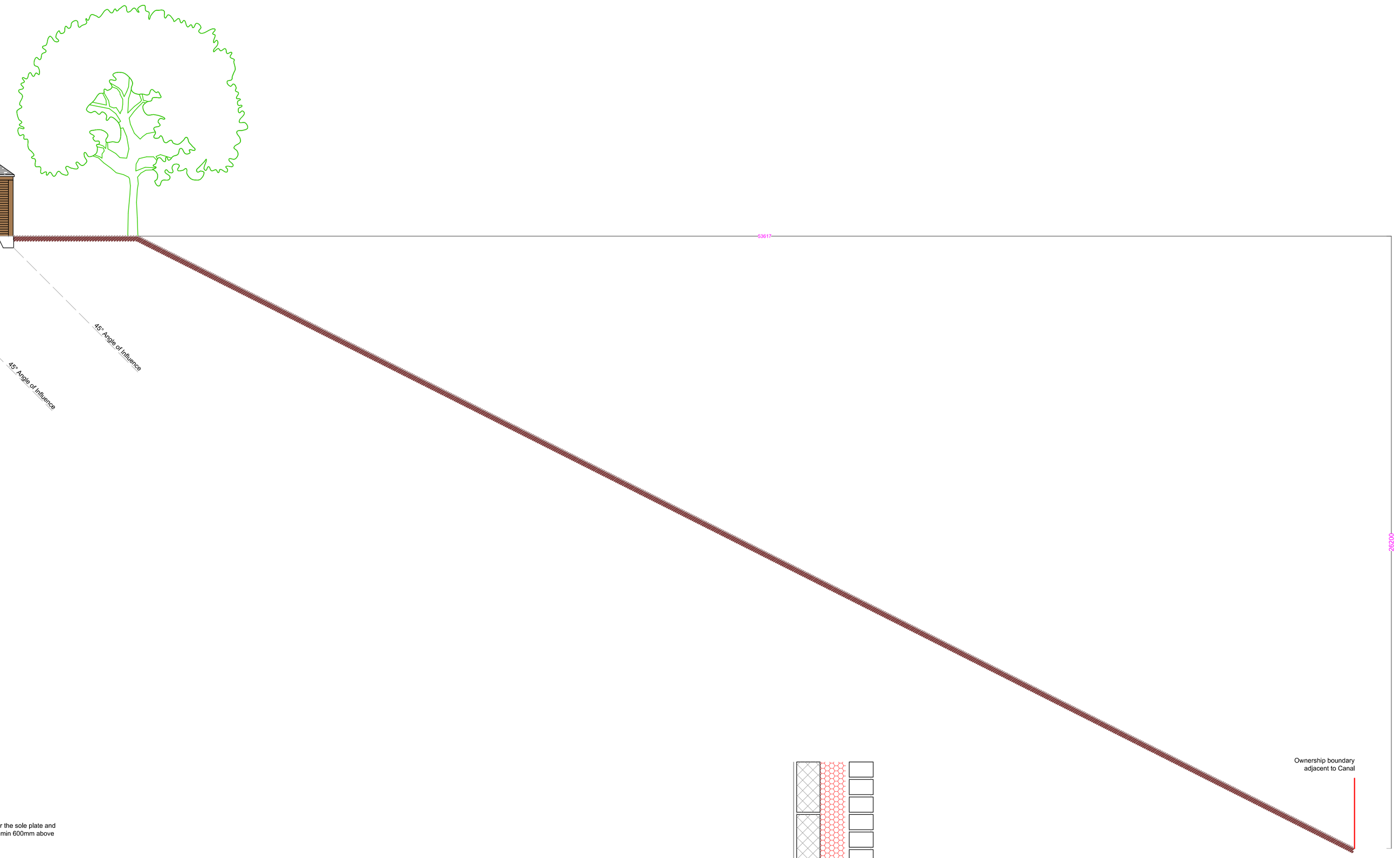
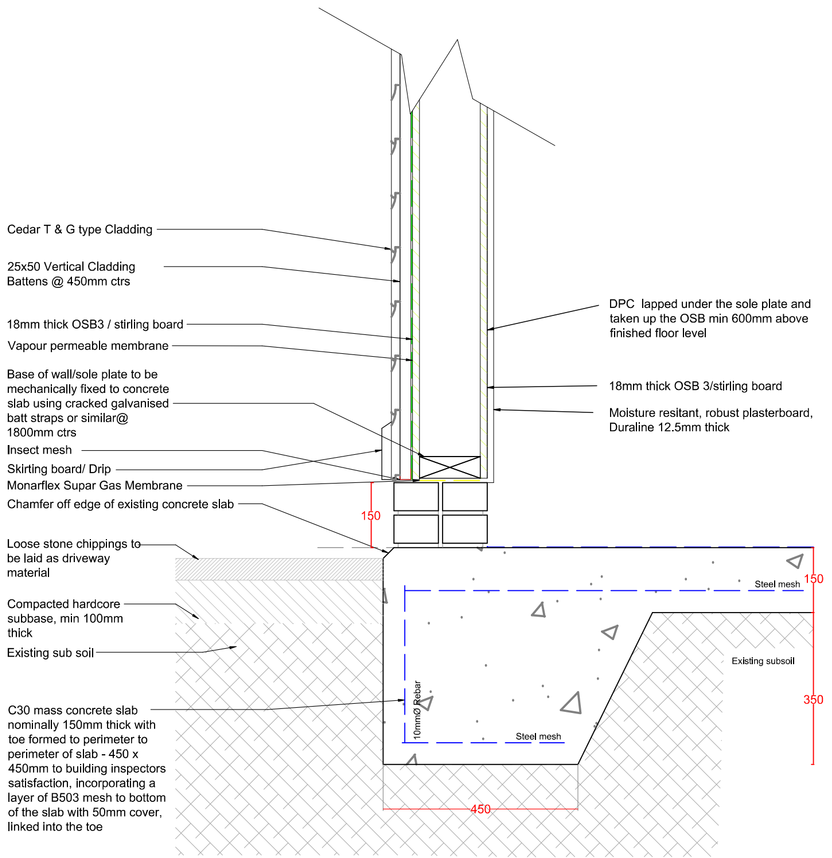


Front Elevation

Metres
1 2 3 4 5 10
SCALE 1:100

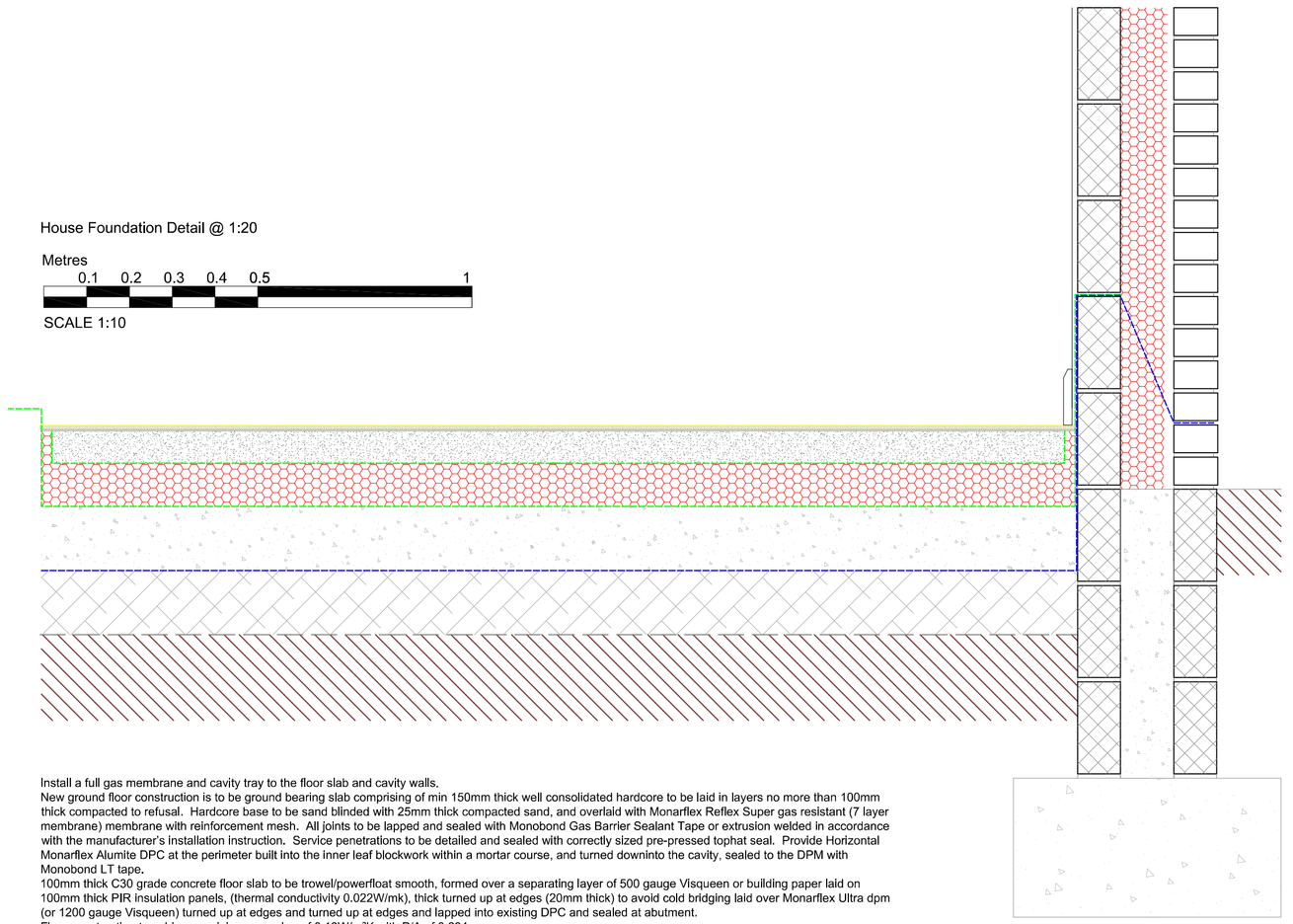




Typical Perimeter Slab Detail @ 1:10

Metres
0.1 0.2 0.3 0.4 0.5 1
SCALE 1:10

ICOPAL Monarflex Reflex Super gas and damp proof membrane laid, dressed up block toes of foundation and sealed. All joints to be lapped and sealed with Monobond Gas Barrier Sealant Tape or extrusion welded in accordance with the manufacturers installation instructions. Service penetrations to be detailed and sealed with correctly sized pre-pressed tophat seal. provide Horizontal Monarfelx Alumite DPC at the perimeter built into the block leaf within mortar joint and turned down into the cavity, sealed to the DPM with Monobond LT tape.



House Foundation Detail @ 1:20

Metres
0.1 0.2 0.3 0.4 0.5 1
SCALE 1:10

Install a full gas membrane and cavity tray to the floor slab and cavity walls.
New ground floor construction is to be ground bearing slab comprising of min 150mm thick well consolidated hardcore to be laid in layers no more than 100mm thick compacted to refusal. Hardcore base to be sand blinded with 25mm thick compacted sand, and overlaid with Monarflex Reflex Super gas resistant (7 layer membrane) membrane with reinforcement mesh. All joints to be lapped and sealed with Monobond Gas Barrier Sealant Tape or extrusion welded in accordance with the manufacturer's installation instruction. Service penetrations to be detailed and sealed with correctly sized pre-pressed tophat seal. Provide Horizontal Monarflex Alumite DPC at the perimeter built into the inner leaf blockwork within a mortar course, and turned downinto the cavity, sealed to the DPM with Monobond LT tape.
100mm thick C30 grade concrete floor slab to be trowel/powerfloat smooth, formed over a separating layer of 500 gauge Visqueen or building paper laid on 100mm thick PIR insulation panels, (thermal conductivity 0.022W/mk), thick turned up at edges (20mm thick) to avoid cold bridging laid over Monarflex Ultra dpm (or 1200 gauge Visqueen) turned up at edges and turned up at edges and lapped into existing DPC and sealed at abutment.
Floor construction to achieve a minimum u-value of 0.18W/m²K with P/A of 0.684

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2. All dimensions to be checked on site before proceeding.

3. Contractor to check/adjust dimensions of new work to suit existing conditions.
Do not assume existing structure or details are plumb, square or level.

4. Contractor must notify the architect of any discrepancies before proceeding.

5. All drawings to be read in conjunction with all other consultants drawings and specs.

Rev	Date	Description

DBD Architectural Consultancy

DBD Architectural Consultancy Ltd
59 Broad Street, Leek,
Staffordshire, ST13 5NS
01538 383118
mail@dbdconsultants.co.uk
www.dbdconsultants.co.uk

Mr & Mrs Edlin
Hill Croft
Froghall Road, Froghall
ST10 2HQ
Client

Extensions, General Alterations, Replacement Outbuilding and Landscaping Features
Project

Title
Foundation Details

Stage: Planning			
Size: A1		Date: 15.11.24	Job No: 2344
Scale: 1:100 & 1:10			

Drawing Number: PL 07