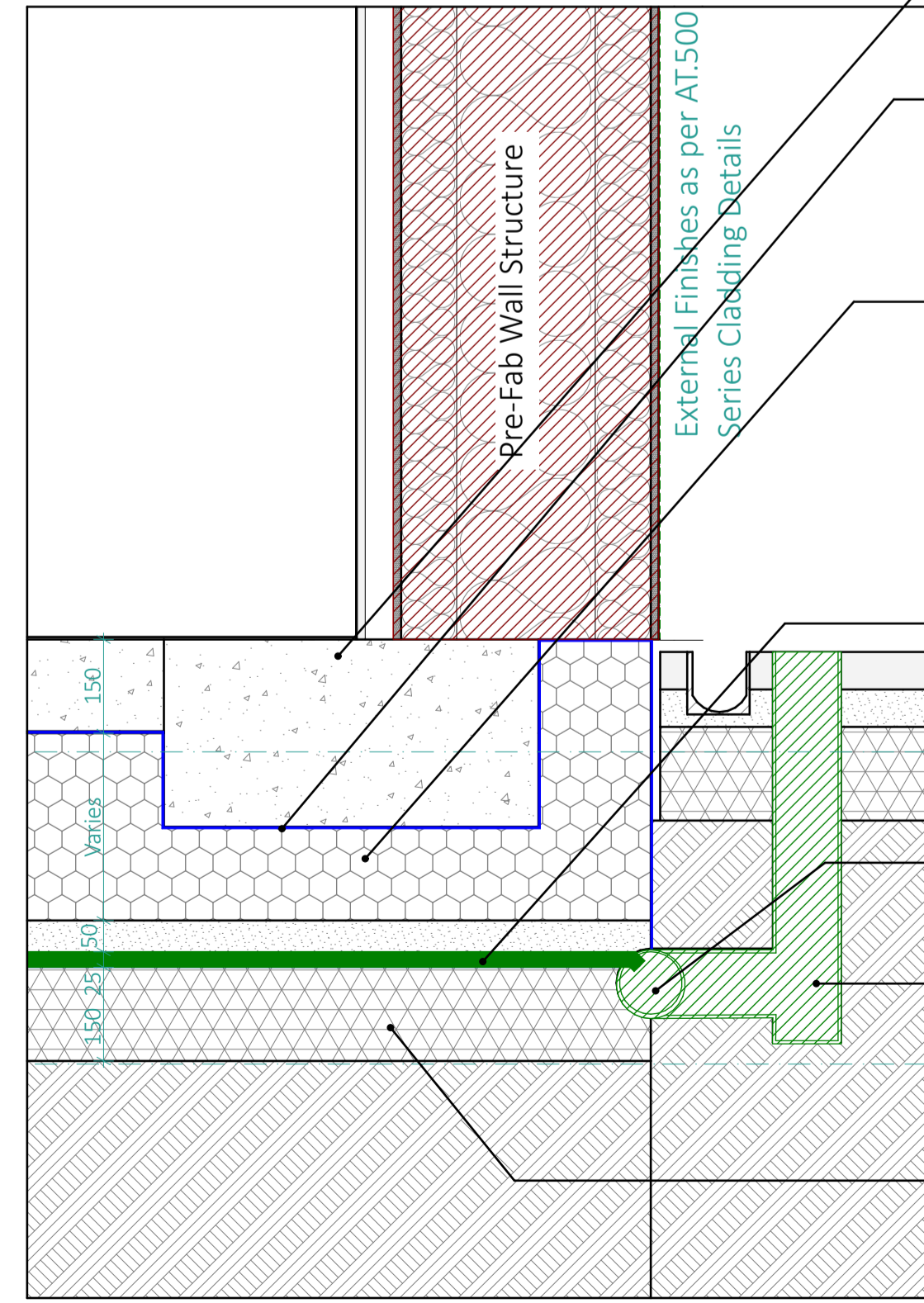


**Ground Floor Construction Coordination**

The ground gas protection measures required by building control, results in a need for tight coordination between contractors. This drawing is provided to explain the elements of construction required and the proposed responsible parties. Please contact Croft Design Collective ASAP if there are any queries or alternative proposals.



- By MBC Timber Frames:**
  - To MBC Specification
  - As per AT.320\_General Spec & GA Sections
- Reinforced Concrete Slab (To SE Spec)**
  - Power Floated
- Reinforced Concrete Edge Beam (To SE Spec)**
- By Specialists:**
  - Solco Solshield ultra gas barrier
    - Installed by specialist contractor, installation to be verified by independent specialist
    - Recommended installer: Waterseal/Jimmy Quinn (07855 394193)
    - Recommended varifier: Richard Stripp / Geol Consultingant Ltd.
- By MBC Timber Frames:**
  - EPS Insulation (To Dimensions Shown)
    - Lapped and tightly butted, low expansion foam to fill all joints
    - Continuity and integrity of insulation is essential to meet designed performance standards
  - 50mm Sand Blinding
- By Specialists: Passive Sub-floor Dispersal Layer**
  - SOLCO Solshield drainage & ventilation membrane
    - Specification: 25mm
    - Installed by specialist contractor, installation to be verified by independent specialist
    - Recommended installer: Waterseal/Jimmy Quinn (07855 394193)
    - Recommended varifier: Richard Stripp / Geol Consultingant Ltd.
- SOLCO Gas ventilation pipework.**
  - Drainage and ventilation membrane to lap into pipework, to suppliers specification
  - Proposed locations noted on adjacent plans.
  - Specification to be confirmed by Blue Bay BP / Peter Philips (07704159376)
- SOLCO round gully vent**
  - SOLCO Gas vent connectors used to where connections to ventilation pipework are required
  - Proposed locations noted on adjacent plans.
  - Gully to terminate with holed SS to finish flush with paving finishes as per landscape specification.
  - Specification to be confirmed by Blue Bay BP / Peter Philips (07704159376)
  - Gully requires surface water drainage connection
- By MBC Timber Frames:**
  - MOT Type 1 Hardcore
    - Compacted and leveled to dimensions shown
  - Incorporation installation of below ground services as per AT.110: Below ground services specification
    - MBC responsible for service runs up to 1m past the slab edge, connections by others.

**Excavation Key:**

For services specification, please refer to AT.110 - Below ground services specification

- Excavation for MBC Insulated Slab & Masonry Support Foundation**
  - Levels provided are required finished excavation level. To be consistent, flat and free of any sharp objects.
  - Subject to confirmation by MBC timber frame following final design of the slab.
- Slab Perimeter Excavation**
  - Slab excavations to extend 1m past dimensioned extent.
  - Where limited by the site boundary, excavate up to the site boundary as shown.
- Excavation for Hard Landscaping:**
  - Levels provided are required finished excavation level. To be consistent, and free of any sharp objects.
  - Ground should be at slight falls away from building footprint to aid drainage
  - 150mm MOT type 1 hardcore to be installed above this level.
    - To be well compacted to provide a consistent, flat level surface
- Excavation for Soft Landscaping**
  - Levels provided are required finished excavation level. To be consistent and free of any sharp objects.
  - Graded to form consistent fall down the site
- Excavation for Strip or Pad foundation, to SE Spec.**
  - Specification to be confirmed following SE design.
    - This drawing will be revised in due course to provide this information

**Relevant Planning Conditions**

The contractor has an obligation to ensure compliance with the following conditions:

- All hedgerows at the site are to be retained in accordance with the hedgerow protection plan and method statement (document reference AL (0) 10).
- Hedgerows are to be protected from root compaction during the course of the development works in accordance with the guidance set out in 'BS5837:2012 Trees in Relation to Design, Demolition and Construction: Recommendations' British Standards Institution, 2012.'
- All trenches and excavations deeper than 0.30m left open overnight should have a ramp installed at an angle of no more than 45 degrees to allow the escape of entrapped mammals.
- Gaps shall be created and retained in all boundary fences between dwellings to allow the passage of small mammals such as hedgehog. Gaps shall measure no less than 13cm by 13cm.

All installations to be completed as per the relevant approved documents & British standards

Contractor to notify Croft if there are any suggested changes or concerns about the current design.

Please refer to PCI.01, PCI.02 & PCI.03 for CDM information

**CROFT**  
design collective

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Project Number  
1912WRK

Address:  
Land North East of Maudlin Farm,  
The Guildens, Warkworth,  
Northumberland, NE65 0WR

- Notes:
- Do not scale from this drawing, work to figured dimensions only
  - All information is to be checked on site for accuracy
  - Report any discrepancies or omissions to Croft Design Collective
  - Unless noted, changes made to the design intent on site have not been incorporated into this drawing
  - Unless noted, information on this drawing is intended as 'design intent' and not to be used for Construction

Rev	Description	Date
A	Issued to Clients, Issued to External Consultants	27/01/2023
B	Re-issued to Clients / Consultants	01/02/2023

Drawing Title	
Groundworks Specification	
Technical Design	
Drawn By	Checked By
JK	EW
Scale (@A1)	Date
1:50, 1:10	Jan 2023
Drawing no.	Rev
AT.115	B