

ATAL5111 - Maes Ty Canol

Shireen Barrett <sbarrett@ataluk.com>

Thu 04/01/2024 15:34

To: Matt Jones <matt.jones@vale-consultancy.co.uk>; David Rees <drees@ataluk.com>; Euan Morgan <emorgan@ataluk.com>

Cc: Jonathan Morris <jon@imdesignstudio.co.uk>; Leigh Shrimpton <leighshrimpton@icloud.com>; Dale@ICF Central <Dale@icfcentral.co.uk>; Dave James <dave@icfcentral.co.uk>; William Wallace <wwallace@ataluk.com>; Ian Price <iprice@ataluk.com>; Joe Obrien <jobrien@ataluk.com>

📎 6 attachments (2 MB)

ATAL5111-001A-Bottom of ICF retaining wall detail.pdf; ATAL5111-002A-Top of ICF retaining wall detail.pdf; ATAL5111-003A-Edge of slab detail.pdf; ATAL5111-004A-ICF step in level detail.pdf; ATAL5111-005A-ICF fixing detail.pdf; ATAL5111-100A-Marked up plan.pdf;

Hi Matt,

Please find attached the requested details and marked up plan for Maes Ty Canol. We have thoroughly reviewed the Si and ensured that the design meets the CS3 requirements. In accordance to BS8485:2105, for a type A building, it is necessary to score 4.5 points. This can be achieved by allocating 2 points for the membrane and 2.5 points for the grade 3 waterproofing.

To create a grade 3 waterproof environment, we have specified the use of a self-adhesive membrane on the ICF walls and a geotextile clay liner beneath the slab. Additionally, an internal cavity drain system will be required for both the floors and walls.

If you have any questions or concerns regarding the design, please feel free to reach out to me or Euan Morgan, our area technical manager for South West and Wales, at emorgan@ataluk.com or 07572 168 603.

Kind regards,

Shireen Barrett

Trainee Technical Advisor

Atal Cyf | 01495 717202 | Find our website here: www.ataluk.com

For atal warranties to apply all concrete must be handled according to best practice. [Download atal Best Practice Guide for Placing Concrete On Site.](#)



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INSPECTION SERVICES

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From: Matt Jones <matt.jones@vale-consultancy.co.uk>

Sent: Tuesday, January 2, 2024 4:19 PM

To: ATAL Enquiries <enquiries@ataluk.com>; David Rees <drees@ataluk.com>

Cc: Shireen Barrett <sbarrett@ataluk.com>; Jonathan Morris <jon@imdesignstudio.co.uk>; Leigh Shrimpton <leighshrimpton@icloud.com>; Dale@ICF Central <Dale@icfcentral.co.uk>; Dave James <dave@icfcentral.co.uk>

Subject: Maes Ty Canol - housing site

Importance: High

Hi Dave, Shireen,

Happy New Year

Thanks for your time on the phone earlier Shireen. To briefly explain:

1. We have a site in Baglan, South Wales, with a proposal for 10no new build detached houses, for which the SI is attached.
2. The SI indicates a requirement for CS3 gas membrane installation
3. We are proposing to use 300mm thick RC ground bearing stepped slabs/rafts with ICF retainers / walls
4. The system would need to be independently verified
5. We would need a tanking / waterproofing system in addition to the gas membrane
6. ATAL can hopefully propose systems for tanking / waterproofing / gas membrane and venting (if required)
7. Attached you will find the information in respect of one of the properties

It would be very much appreciated if you could review the attached and come back to me with your initial thoughts.

Kind Regards

Matt Jones MEng (Hons) CEng FICE FStructE

Managing Director



Working From: **Head Office**



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