

| Personal contact details and Professional summary | |
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| Name | Mr. Adrian Tierney <i>Chartered Engineer</i> |
| Address | KT Design Solutions Ltd Kilbrook Mews Enfield Co. Meath |
| Contact details | Landline telephone: +353 46 9549628 Mobile phone: +353 86 8547635 Email: adrian@ktdesignsolutions.com Website (optional): www.ktdesignsolutions.com |
| Qualifications | <i>BSc(Eng) DipEng CEng MIEI</i> Pyrite Building Condition Assessment Pyrite Testing and Methodology for Remediation works SEAI Domestic BER Assessment <i>Level 6</i> Site Suitability On-Site Wastewater Treatment <i>Level 6</i> |
| Career history | Over 19 years experience of building construction in diverse engineering roles: <ul style="list-style-type: none"> - Site Engineer with Ireland's leading general contractor, John Sisk & Son Ltd, working on multi-million euro projects for clients in manufacturing and commercial property sectors - Project Engineer with PH McCarthy & Partners Consulting Engineers with responsibility for structural design and contract administration of projects for public and private sector clients - Housing Advisor with National House Building Guarantee Company with duties including inspection of domestic construction, dwelling defect analysis, claims assessment and remediation, air-tightness testing and building energy rating. - Director with KT Design Solutions Ltd providing consulting engineering services to dwelling owners, building contractors, commercial property clients, local authorities and school boards of management. |
| Relevant project experience | <ul style="list-style-type: none"> - Building Condition Assessments have been undertaken personally by me in approximately 80 dwellings under IS398-1:2013 of which approximately 45 were completed for issue to the Pyrite Resolution Board as claims under the redress scheme. - Visual inspections and floor level surveys have been undertaken personally by me of over 140 dwellings affected by pyritic heave for the preparation of claims in accordance with the requirements of Premier Guarantee in housing developments in the Dublin/Meath/Kildare/Offaly areas. - I have undertaken surveys of multiple dwellings in two housing developments in Dunboyne, Co. Meath to identify and record damage due to pyritic heave for the purpose of submission of potential future claims by the dwelling owners. - Since the introduction of IS398-2:2013 I have specified/inspected/certified remedial works at approximately 50 pyrite-affected dwellings throughout Dublin, Meath, Kildare & Offaly. Prior to 2013 I was engaged by a remedial works contractor to undertake periodic inspections of remedial works being undertaken to repair approximately 80 dwellings affected by pyritic heave. - In my current and previous positions I have undertaken surveys of dwellings and other buildings to assess causes of damage due to a wide variety of structural |

and building defects. This typically involves undertaking a comprehensive survey of the dwelling to identify damage present, assessment of the cause of the damage and the formulation of appropriate and cost-effective remedial solutions.

Specific areas of expertise

- Undertaking structural & condition surveys
- Analysis of construction defects to enable the formulation of appropriate and cost-effective remedial solutions
- Preparation of detailed drawings and specifications for construction projects
- Monitoring of construction projects to ensure compliance with drawings & specifications, conditions of Planning Permission and Building Regulations.
- Design and specification of structural members required for both new construction and alterations to existing buildings.
- Management of all stages of construction projects from initial design to fit-out and completion.

Declaration: *I accept responsibility for the accuracy of the particulars contained in this form including my qualifications and I agree that, when submitted, its contents will be made available on the Engineers Ireland website www.engineersireland.ie*

I agree to the declaration above

