

Schedule of Certification required:

Rev.	Status	Certifiers:		
0	Tender Issue	AC ARCH M&E C&S	Assigned Certifier Architect M&E Engineer Civils & Structural	Sweeney Architects Sweeney Architects Geaney Engineering Fallon Consulting Engineers

NOTE:

The following Ancillary Certification and Performance Certification for building materials shall be submitted to the relevant Ancillary Certifier in advance of each work item. This list is not exhaustive and shall be developed as the project progresses

Performance certs / Calculations / Test results

Item/Element	Ancillary Certifier	Required YES / NO	Received YES / NO	Notes:
Engineering Fill – roads / site	C&S	Y		
Hardcore/blinding – under concrete floors, footpaths & foundations	C&S	Y		To be in accordance with SR21:2014 – Annex E: Certified Pyrite free
Reinforcement bars	C&S	Y		
Drainage products	C&S	Y		
Concrete cube test results	C&S	Y		All concrete elements
Concrete mix design	C&S	Y		
Masonry Units	C&S	Y		Blockwork strength classification Certified pyrite free
Masonry Mortar	C&S	Y		
Sand	C&S	Y		To be in accordance with SR21:2014 – Annex E: Certified Pyrite free
Radon Barrier, sumps & pipework	ARCH	Y		IAB cert or equivalent approved Declaration of Performance
DPC	ARCH	Y		IAB cert or equivalent approved
Floor & Perimeter Insulation	ARCH	Y		Declaration of Performance
Underfloor heating Screed	ARCH	Y		IAB cert or equivalent approved Declaration of Performance
Heating system design certificate including heat loss calculations, schedule of pipe sizes & supporting calculations	M&E	Y		SR50 calculations

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Underfloor heating pipework calculations	M&E	Y		
ECO design and ECO label certification for heat pump system with integrated cylinder unit	M&E	Y		
Pipework & ducting	M&E	Y		IAB cert or equivalent approved
Wall ties	ARCH	Y		IAB cert or equivalent approved
Wall Insulation	ARCH	Y		IAB cert or equivalent approved Declaration of Performance
Proprietary cavity closers	ARCH	Y		IAB cert or equivalent approved Declaration of Performance
Flue liner system	ARCH	Y		IAB cert or equivalent approved
Structural timber (roof)	C&S	Y		Grade of product to be appropriate for use
Joist hanger straps	C&S	Y		IAB cert or equivalent approved
Manufactured wood panels (OSB, plywood, MDF)	ARCH	Y		Grade of product to be appropriate for use
Roof structure – cut roof timber members	C&S	Y		Grade of product to be appropriate for use
Roof Structure – prefabricated roof timbers	C&S	Y		IAB cert or equivalent approved *Shop drawings
Truss Shoes	C&S	N		IAB cert or equivalent approved
Structural Steel & steel lintels	C&S	Y		IAB cert or equivalent approved *Shop drawings
Pre-cast structural elements	C&S	Y		IAB cert or equivalent approved *Shop drawings
Lintels, cills, concrete cappings & pre-cast concrete elements	C&S	Y		IAB cert or equivalent approved *Shop drawings
Breathable roof felt	ARCH	Y		IAB cert or equivalent approved Declaration of Performance
Roof and ridge tiles	ARCH	N		IAB cert or equivalent approved Product guarantee
Air tightness membranes, tapes and accessories	ARCH	N		IAB cert or equivalent approved Declaration of Performance Installation certificate
Single ply roof membrane, flashings & accessories	ARCH	Y		IAB cert or equivalent approved Declaration of Performance Product guarantee
Roof ventilators	ARCH	Y		IAB cert or equivalent approved
Lead Flashings	ARCH	Y		IAB cert or equivalent approved
Cladding materials & accessories	ARCH	Y		IAB cert or equivalent approved Declaration of Performance Product guarantee *To include adhesives & sealants if required

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Windows and doors	ARCH	Y		IAB cert or equivalent approved Declaration of Performance *Shop drawings to include u-values, clear opes sizes, ventilator equivalent area etc. as required by BER Assessor
Internal glazing & fire doors	ARCH	Y		IAB cert or equivalent approved Declaration of Performance
Wall vent grilles	ARCH	Y		IAB cert or equivalent approved
Fascia, soffitt & rainwater goods	ARCH	Y		IAB cert or equivalent approved
Floor coverings	ARCH	Y		IAB cert or equivalent approved Declaration of Performance Product guarantee Maintenance requirements
Roof/attic insulation	ARCH	Y		IAB cert or equivalent approved Declaration of Performance
Sound proofing of party walls	ARCH	Y		IAB cert or equivalent approved Declaration of Performance
Air tightness	ARCH	Y		Test results by approved tester
Part L compliance report	ARCH	Y		Report by BER Assessor
Mechanical ventilation systems	M&E	Y		IAB cert or equivalent approved Comissioning cert for mechanical extract ventilation by NSAI registered inspector
Heating & Hot water systems	M&E	Y		Pressure test results & comissioning certification to include sterilisation
Fire alarm system	M&E	Y		Installation & test certificate
Emergency lighting system	M&E	Y		Installation & test certificate
Mechanical fittings & fixtures	M&E	Y		IAB/CE certification Include all pipes, fittings, tanks cylinders, radiators, valves etc.
Electrical fittings & fixtures	M&E	Y		IAB/CE certification Include all light fittings, switch gear, sockets, smoke and heat detectors etc.
Ventilation fittings & fixtures	M&E	Y		IAB/CE certification Include all plant, ducting, vents, filters etc.

Ancillary Certification (Design)

*To be provided to AC prior to commencement

Item/Element	Ancillary Certifier	Required YES / NO	Received YES / NO	Notes:
Roof truss design	C&S	Y		SD: Ancillary certificate of compliance - design
Specialist lintel design	C&S	Y		SD: Ancillary certificate of compliance - design

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Heating system specialist design	C&S	Y		SD: Ancillary certificate of compliance - design
Radon barrier Installer	ARCH	Y		CIF 01: Ancillary certificate of compliance on completion (Subcontractor) <u>OR</u> CS: Ancillary certificate of compliance on completion – sub-contractor/specialist assigned by main contractor
Roof membrane installer	ARCH	Y		CIF 01: Ancillary certificate of compliance on completion (Subcontractor) <u>OR</u> CS: Ancillary certificate of compliance on completion – sub-contractor/specialist assigned by main contractor
Window & door supplier	ARCH	Y		CIF 01: Ancillary certificate of compliance on completion (Subcontractor) <u>OR</u> CS: Ancillary certificate of compliance on completion – sub-contractor/specialist assigned by main contractor
Flooring contractor	ARCH	Y		CIF 01: Ancillary certificate of compliance on completion (Subcontractor) <u>OR</u> CS: Ancillary certificate of compliance on completion – sub-contractor/specialist assigned by main contractor
Pre-cast concrete elements: -pre-cast floor slabs -pre-cast columns & beams -pre-cast concrete decking -pre-cast concrete stairs	C&S	Y		SD: Ancillary certificate of compliance - design
Steel structures: -Specialist steel lintels -Steel decking -steel columns & beams -portal frames -steel trusses	C&S	Y		SD: Ancillary certificate of compliance - design

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SUDS/Attenuation	C&S	Y		SD: Ancillary certificate of compliance - design
Waste Water treatment	C&S	Y		SD: Ancillary certificate of compliance - design
Heating system specialist design	M&E	Y		SD: Ancillary certificate of compliance – design CIF 01: Ancillary certificate of compliance on completion (Subcontractor) OR CS: Ancillary certificate of compliance on completion – sub-contractor/specialist assigned by main contractor
Electrician	M&E	Y		CIF 01: Ancillary certificate of compliance on completion (Subcontractor) OR CS: Ancillary certificate of compliance on completion – sub-contractor/specialist assigned by main contractor
Mechanical Ventilation system specialist design	M&E	Y		SD: Ancillary certificate of compliance - design
Fire alarm system specialist design	M&E	Y		SD: Ancillary certificate of compliance - design
Emergency Lighting specialist design	M&E	Y		SD: Ancillary certificate of compliance - design
Specialist window/door systems: -access control -curtain walling -planar glazing -ARCH rated glazing -ARCH shutters	ARCH	Y		SD: Ancillary certificate of compliance - design
Elevator & Hoist systems	M&E	N		SD: Ancillary certificate of compliance - design

Completion & Inspection Certs

(Specialist & unregistered consultants)

Item/Element	Ancillary Certifier	Required YES / NO	Received YES / NO	Notes:
Roof truss design	C&S	Y		SC: Ancillary certificate of compliance – design (completion) And (as applicable) SI: Ancillary certificate of compliance on completion

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				(Ancillary completion certificate – inspection)
Pre-cast concrete elements: -pre-cast floor slabs -pre-cast columns & beams -pre-cast concrete decking -pre-cast concrete stairs	C&S	Y		SC: Ancillary certificate of compliance – design (completion) And (as applicable) SI: Ancillary certificate of compliance on completion (Ancillary completion certificate – inspection)
Steel structures: -Specialist steel lintels -Steel decking -steel columns & beams -portal frames -steel trusses	C&S	Y		SC: Ancillary certificate of compliance – design (completion) And (as applicable) SI: Ancillary certificate of compliance on completion (Ancillary completion certificate – inspection)
SUDS/Attenuation	C&S	Y		SC: Ancillary certificate of compliance – design (completion) And (as applicable) SI: Ancillary certificate of compliance on completion (Ancillary completion certificate – inspection)
Waste Water treatment	C&S	Y		SC: Ancillary certificate of compliance – design (completion) And (as applicable) SI: Ancillary certificate of compliance on completion (Ancillary completion certificate – inspection)
Heating system specialist design	M&E	Y		SC: Ancillary certificate of compliance – design (completion) And (as applicable) SI: Ancillary certificate of compliance on completion (Ancillary completion certificate – inspection)
Mechanical Ventilation system specialist design	M&E	Y		SC: Ancillary certificate of compliance – design (completion) And (as applicable) SI: Ancillary certificate of compliance on completion (Ancillary completion certificate – inspection)

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Fire alarm system specialist design	M&E	Y		SC: Ancillary certificate of compliance – design (completion) And (as applicable) SI: Ancillary certificate of compliance on completion (Ancillary completion certificate – inspection)
Emergency Lighting specialist design	M&E	Y		SC: Ancillary certificate of compliance – design (completion) And (as applicable) SI: Ancillary certificate of compliance on completion (Ancillary completion certificate – inspection)
Specialist window/door systems: -access control -curtain walling -planar glazing -ARCH rated glazing -ARCH shutters	ARCH	Y		SC: Ancillary certificate of compliance – design (completion) And (as applicable) SI: Ancillary certificate of compliance on completion (Ancillary completion certificate – inspection)
Elevator & Hoist systems	M&E	Y		SC: Ancillary certificate of compliance – design (completion) And (as applicable) SI: Ancillary certificate of compliance on completion (Ancillary completion certificate – inspection)
Underfloor heating system	M&E	Y		CS: Ancillary certificate of compliance on completion (certificate signed by sub-contractor/specialist contractor)
Electrical Testing	M&E	Y		CS: Ancillary certificate of compliance on completion (certificate signed by sub-contractor/specialist contractor)
Water connection	C&S	Y		CS: Ancillary certificate of compliance on completion (certificate signed by sub-contractor/specialist contractor)
Floor finishes	ARCH	Y		CS: Ancillary certificate of compliance on completion (certificate signed by sub-contractor/specialist contractor)

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Fitted furniture	ARCH	Y		CS: Ancillary certificate of compliance on completion (certificate signed by sub-contractor/specialist contractor)
First Aid ARCH fighting	ARCH	Y		CS: Ancillary certificate of compliance on completion (certificate signed by sub-contractor/specialist contractor)
Road wearing course DBM. Allow for 6 No. core tests	C&S	Y		Test results to be provided for approval

Comissioning Certs

(Not required by BCMS but forming part of Safety File)

Item/Element	Required YES / NO	Received YES / NO	Notes:
Confirmation from Building Contractor of the use of proper materials.	Y		
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Foul and storm sewer CCTV surveys and reports.	Y		Refer to Civil/Structural Specification Report and all footage on CD or USB drive
Foul and storm sewer pressure tests and reports.	Y		Refer to Civil/Structural Specification
Above ground foul drainage testing.	Y		Includes air pressure testing, testing of WCs, self siphonage, induced and back pressure, gutters, water leakage test between house and public network.
Watermain, service pipe and water distribution leak and pressure test reports	Y		
Space and water heating system installation & commissioning report	Y		SC: Ancillary certificate of compliance – Completion & SI: Ancillary certificate of compliance – Inspection
Underfloor heating system pressure testing	Y		Carried out before and after installation of screed
Heating & hot water pressure testing & comissioning cert.	Y		To include sterlisation and confirmation of addition of magna filter & rust inhibitor (as required)
Heat interface unit Testing	Y		
Chlorination/sterilisation & pressure testing of water services	Y		
Electrical Testing & comissioning	Y		5th Edition National Rules for Electrical Installations, IS 10101:2020
Flre detection/alarm comissioning report	Y		
Air permeability test report	Y		

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Comissioning cert/report for ARCH Fire Alarm & Emergency lighting	Y		SC: Ancillary certificate of compliance – Completion & SI: Ancillary certificate of compliance – Inspection
First aid ARCH fighting equipment installation cert	Y		
DEAP calculations (as-built) and final BERsto include PART L compliance document,	Y		Final BERs
Sound testing	Y		To comply with requirements of TGD Part E (only required for housing where apartments or semi-d/terraced houses are constructed)
Road wearing course DBM. Allow for 6 No. core tests	Y		Test results to be provided for approval