Building Control Update on BCMS review

Planning & Building Control Workshop 23rd April 2015

Content

- Overview of system after 12 months
- Issues arising
 - Uploading data, signed documents etc
 - Description of works and title, introduction, name and type of construction and location
 - Applications oversight
 - Type of submission
 - Submission miss-management (up-to-date drawings)
 - Inspection plan
 - Completion certs
- Inspection Policy and requirements
- Current review

Update Building Control Amendments Regulations (BCAR) SI 9 of 2014 (1st March 2014)

- Reason for Regs:
 - Empower competence of building practitioners
 - Accountability for compliance
 - Improve oversight by BCA
- Mandatory Certification by competent persons
- Monaghan had 166 CN in 2014 issues arsing:
 - Uploading to system
 - Insufficient information
- Overall good level of compliance in Monaghan

Issues raised

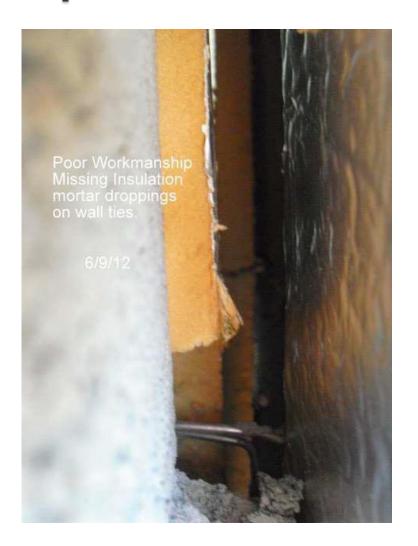
- Consistency of Building Control Regulations application?
 - Should be in accordance with Code of Practice
 - Statutory forms, certificates, drawings & documentation.
 - 7 day notice form cannot be completed on BCMS
 - Ancillary certs determined by Assigned Certifier
 - Design drawings to be submitted with suitable details & dimensions. Marked 'Planning Permission Only' drawings are not acceptable.
 - Online assesment
 - Inspection to be discussed
 - Signed by nominated roles

Issues raised Cont'd

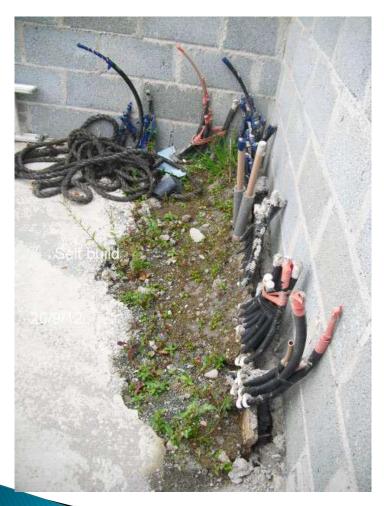
- In a self build if the owner has taken on the role as the builder has there been any issues or have owner been questioned about there competency in this role?
 - Self build requires same obligation and level of responsibility as those of a register builder.
- Have the council come across the issue of none compliance on site yet?
 - We've had issues with the Building Control Regulations:
 - Commencing without a CN
 - Dates incorrect
 - Statutory documents not signed
 - Cases of poor workmanship

Poor Workmanship





Poor workmanship



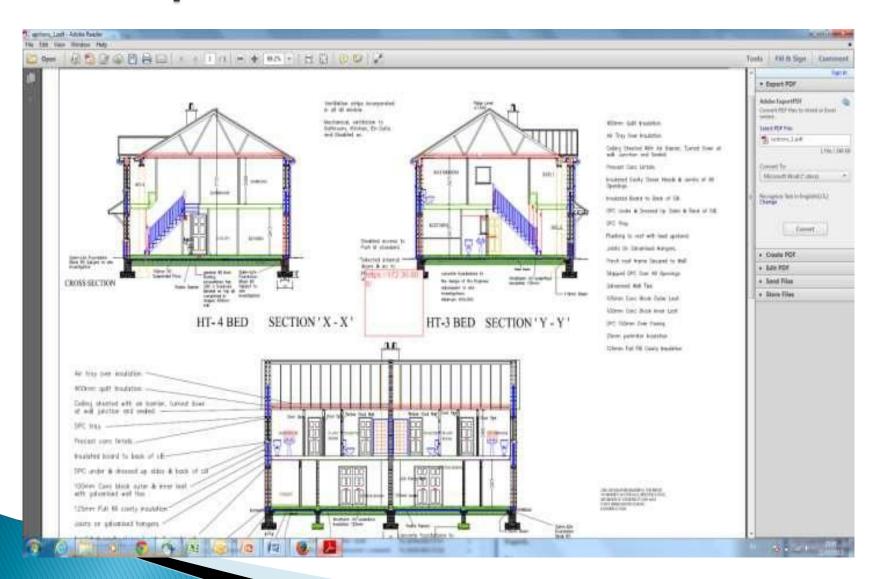


Poor Workmanship

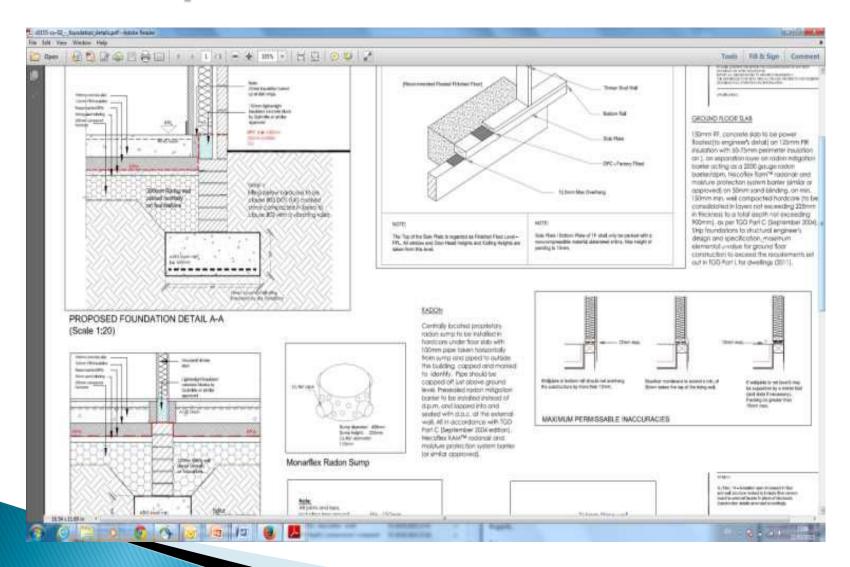




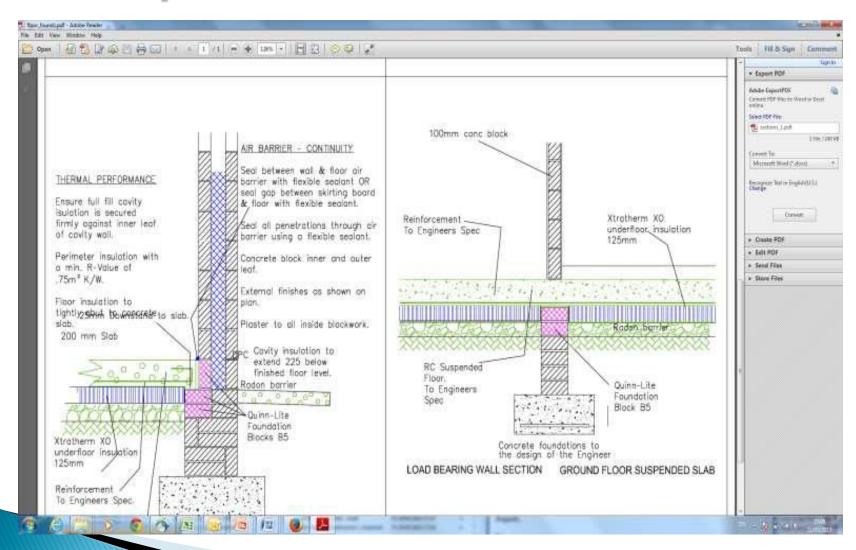
Examples



Examples



Examples



Building Control Inspection Policy

Risk assessment approach to assist in the preparation of an inspection plan

Assessment Process

- Nature of Building
- Size & complexity of design
- Extent of compliance of BCMS submissions and historical compliance issues
- Level of experience and professionalism of designer, builder and assigned Certifier
- Identify critical stages during construction for inspection

Preliminary Inspection Plan

Table 1 Preliminary Inspection Plan template for non-complex dwelling houses						
Inspection Stage	Typical Items to be checked for compliance with Parts A to M (Strike out if not applicable/ not checked)	Date of Inspection	Sign off (Y/N)	Notes		
1. Formation Stage	a) Ground bearing suitability b) General arrangement of foundation c) Width of trench d) Depth below ground e) Steps in formation level (if any) f) Other relevant items • • • •	<\^	X10 ⁰	AONIL		
2. Foundation Stage	a) Depth and width of concrete b) Reinforcing steel c) Other relevant items	MSUL				
3. Ground Floor Stage	a) Rising walls (external and internal) b) DPC c) Hardcore d) Under floor services e) Radon sump/venting pipe f) DPM or Radon Barrier (incl. seals) g) Ventilated sub-floor (if any) h) Floor Insulation – thickness/ type i) Floor structure e.g. • concrete ground bearing • concrete/ timber suspended j) Other relevant items •					
4. Roof Structure Stage (prior to slabbing ceilings)	a) Wall construction – Masonry/ timber frame/ other • Masonry units e.g. block/ bricks etc • Wall ties • Wall insulation/ thermal bridging • Sound requirements e.g. wall type & flanking provision b) Cills & lintels incl. DPC & bearing c) First floor joists & floor (if any) e.g. • timber grade/marking • span					

Cont'd

5. Completion Stage	i joist hangers i noggins & straps Well-plate & tie down straps Chimney/ Flue liners/ gather Roof structure (Prefabricated) e.g. truss tag/mark bracing/ hangers & shoes Roof structure (Cut) e.g. purins & Struts collar ties hangers & runners timber grade/marking Roof covering e.g. felt type & laps tile/slate & nailing flashings Other relevant items """ """ """ """ """ """ """ """ """	THO OL	k) Circulation • Effective door width • Corridor width 1) Stairs e.g. • bulk head height/ stair width • riser/tread dimensions • handrail height/ guarding m) Roof insulation (incl. tank insulation) n) Sound requirements e.g. • separating wall incl. finishes o) Fire requirements e.g. • smoke alarms (mains connected) • separating wall/ fire stopping • fire doors & self-closers (if any) • fire stopping around openings (if any) p) Carbon monoxide alarms (if applicable) q) WC e.g. • visitable • dual flush toilet r) Water supply e.g. • direct to sink incl. stop valve • water storage capacity • insulation of pipework s) Renewables t) Heating system e.g. • zone controls • pipe work insulation where applicable, etc. u) Primary fleating appliance e.g. • efficiency • air supply • condensate drain v) Secondary heating system e.g. • efficiency • air supply • notice plate for hearths & flues w) Other relevant items •

12 Month Review and consultation to examine cost burden of one-off houses

Options

- a. Certification advisory rather than mandatory
- b. Broaden the pool of competency
- c. No changes but better and improved guidance
- d. Exemption to extension

Submission due 15th May