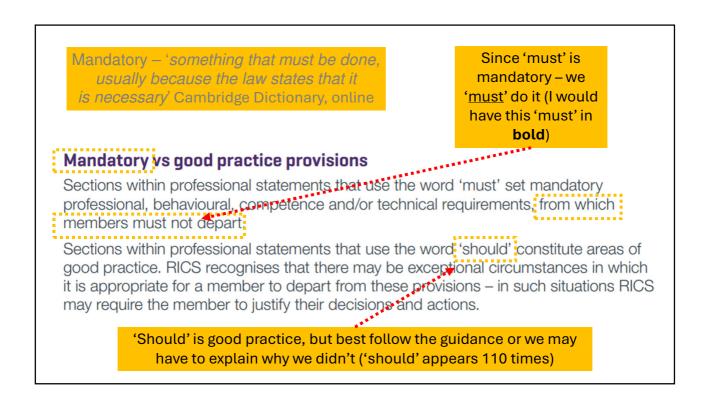
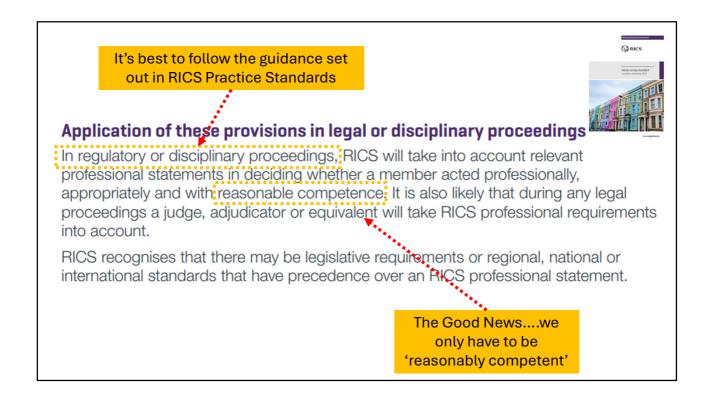
Level 2 and 3 Reports – what's the difference?

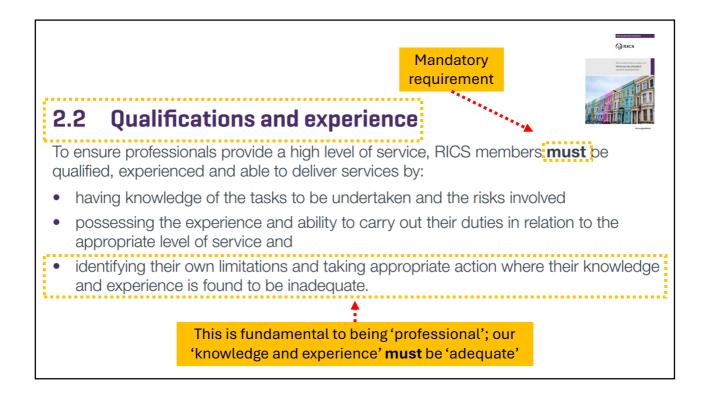
Larry Russen Chartered Building Surveyor

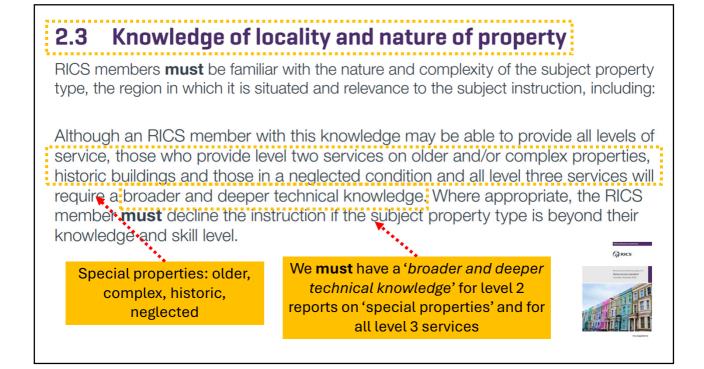












Broader and deeper technical (professional?) knowledge - 1

- An adequate working knowledge is likely to include some, all or more than the following:
 - RICS literature, especially Rules of Conduct and mandatory professional standards such as the HSS and Residential Retrofit Standard;
 - Basic construction, building services and building pathology knowledge (paying special attention to issues most clients deem important such as structural movement, roofs and moisture), e.g. Lead Sheet Training Academy, recognising defects and or deficiencies in service installations (especially services that can kill), TRADA documents, methods and costs of repair works;
 - BRE Digests e.g. 245, 251 and 475 and Good Building and Repair Guides etc.;
 - Benchmarks of good practice available in BRADs (Building Regulations Approved Documents) and or equivalent UK regional documents;
 - Sustainability issues including matters such as thermal performance of materials, cold-bridges, 'robust details', effects of the climate emergency and EPCs;
 - Legal issues and case law, e.g. land law, tenures, Building Regulations, Rylands v Fletcher, Party Wall etc. Act 1996, protected properties and locations, easements, buildings' insurance including reinstatement cost assessment;
 - Relevant BSI, EN, ISO & similar Codes of practice, e.g. BS 7913;

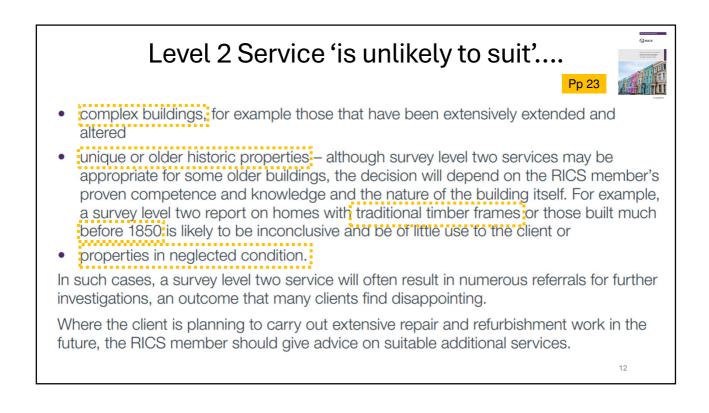
Broader and deeper technical (professional?) knowledge – 2

- HSE and other safety information, e.g. in relation to hazards, risk assessment, PACMs and legionella;
- Information from, and practices of, other professional organisations, e.g. RIBA, ISE, CIBSE;
- NHBC, LABC and other warranty providers' Technical Manuals and Handbooks;
- JPS on moisture, PCA information, SPAB literature, 'vapour permeability' of materials, Historic England 'Repointing Brick and Stone Walls' & other relevant UK regional technical information;
- Documents about any special property types we specialise in, e.g. BRE 'Non-traditional houses', modern methods of construction, timber frames;
- Information about local and or regional issues, e.g. environmental matters such as soil types, flooding, radon, knowledge of local stone types for older and historic properties; and
- Any other relevant knowledge required for the particular instruction and or client requirement.
- It is very likely we will require <u>several</u> years of practical experience to acquire such knowledge, to ensure satisfactory understanding and competence.
- A need for good initial mentoring, continuing relevant life-long learning and the appropriate experience of other professionals is confirmed.
- In all cases, our 'broader and deeper technical knowledge' must be sufficient to properly discharge our professional duty to clients and the wider public interest.

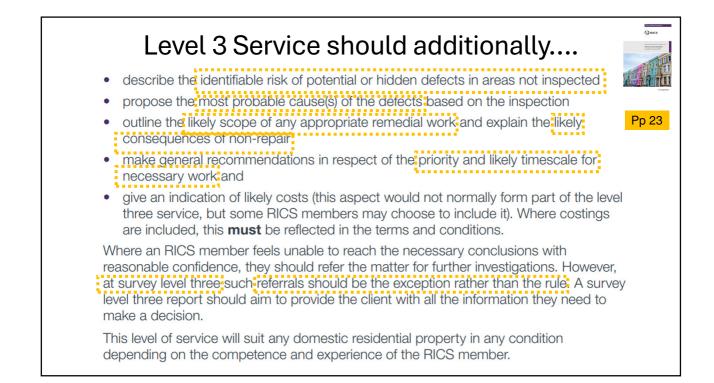
'Special property'

- Complex buildings extended, altered, built using many different materials;
- Older properties built using traditional materials and techniques;
- Historic properties listed and or valued for other architectural or similar reasons;
- Traditional timber frame buildings;
- Properties built much before 1850;
- Properties in neglected condition.

A2 Survey level two
This level of service is for clients who are seeking a professional opinion at an economic price. It is, therefore, less comprehensive than a level three service. The focus is on assessing the general condition of the main elements of a property.
This intermediate level of service includes a more extensive visual inspection of the building, its services and grounds, but still without tests. Concealed areas normally opened or used by the occupiers are inspected if it is safe to do so (typical examples
include roof spaces, basements and cellars). The report objectively describes the condition of the different elements and provides an assessment of the relative importance of the defects/problems. At this level, although it is concise, the report does
include advice about repairs and any ongoing maintenance issues. Where the surveyor is unable to reach a conclusion with reasonable confidence, a recommendation for further investigations should be made.
This level of service suits a broader range of conventionally built properties, although the age and type will depend on the knowledge and experience of the RICS member. This level of service is unlikely to suit: Not usually intended for a 'special property'



Level 3 Service **Survey level three A3** This level of service is for clients who are seeking a professional opinion based on a detailed assessment of the property. The service consists of a detailed visual inspection of the building, its services and the grounds and is more extensive than a survey level two. Concealed areas normally opened or used by the occupiers are inspected if it is safe to do so (typical examples include roof spaces, basements and cellars). Although the services are not tested, they are observed in normal operation – in other words, they are switched on or off and/or operated where the occupier has given permission and it is safe to do so. The report objectively describes the form of construction and materials used for different parts of the property. It describes the condition and provides an assessment of the relative importance of the defects/problems. Additionally, it should: Whereas, level 2 does not include a requirement to describe the 'form of construction 13



4.3.2 Survey level two



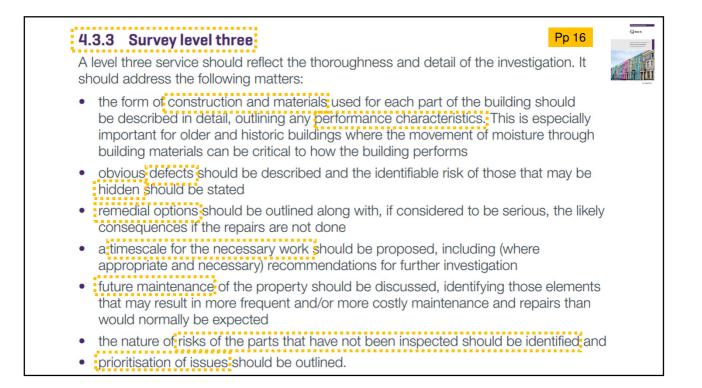
A survey level two service should follow a similar structure and format to level one. Although it will provide more information, it should still be short and to the point, avoiding irrelevant or unhelpful details and jargon. Material defects should be described and the identifiable risk of those that may be hidden should be stated. A level two report will have the following additional characteristics:

- it should include comments where the design or materials used in the construction of a building element may result in more frequent and/or more costly maintenance and repairs than would normally be expected
- the likely remedial work should be broadly outlined and what needs to be done by whom and by when should be identified
- concise explanations of the implications of not addressing the identified problems should be given and
- cross-references to the RICS member's overall assessment should be included.

Survey level two reports should also make it clear that the client should obtain any further advice and quotations recommended by the RICS member before they enter into a legal commitment.

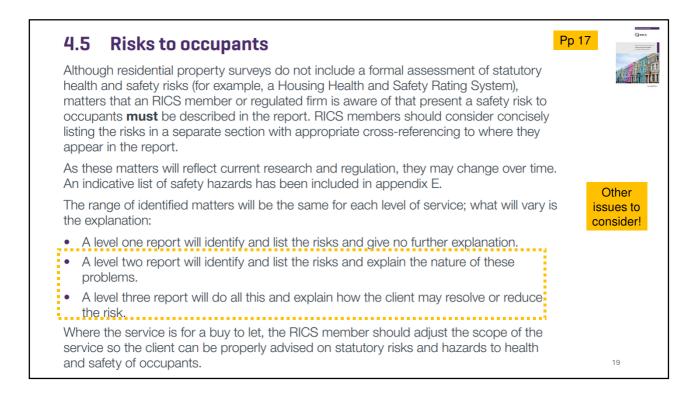
Summary of HSS level 2 reporting requirements

- Describe material defects (no need to include construction form?);
- Identify risk of other hidden defects;
- Design or materials used in the element '*that may result in more frequent and or costly maintenance and repairs than would normally be expected*';
- Likely remedial work broadly outlined;
- What needs to be done by whom and by when outlined;
- Explain implications of not addressing the identified problems; and
- Cross reference to overall assessment.

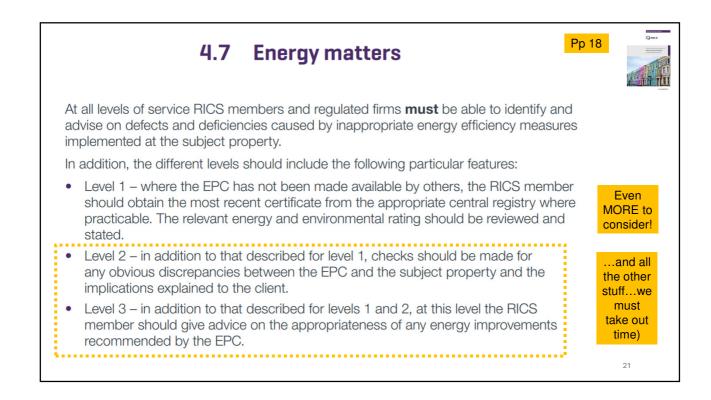


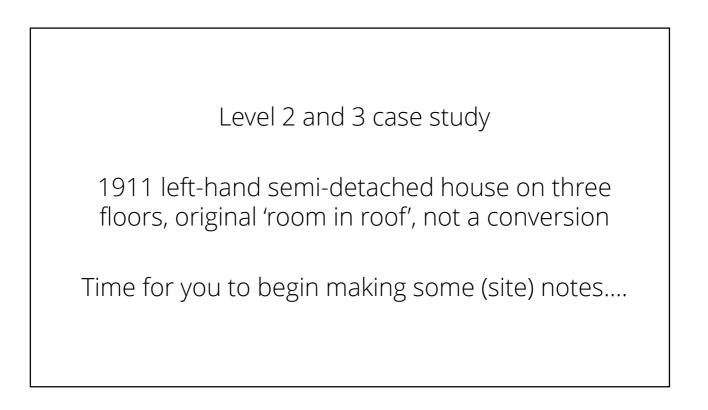
Summary of HSS level 3 reporting requirements

- Form of construction and materials described in detail, with performance characteristics (important for older buildings, due to movement of moisture);
- Describe obvious defects;
- Describe identifiable risk of hidden defects;
- Outline remedial options;
- Likely consequences if repairs not done (if considered serious);
- Propose a timescale for the necessary work, including further investigation;
- Discuss future maintenance, identifying any such work likely to be more frequent and or costly;
- Identify risks from parts uninspected;
- Outline prioritisation of issues.



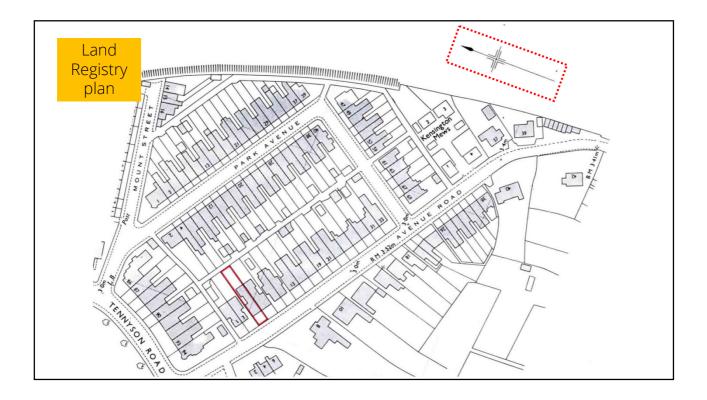
4.6 Legal matters	Pp 17
The legal adviser is responsible for checking the relevant documents but will not be familiar with the property. The RICS member will be the 'eyes and ears' of the legal adviser and so should identify apparent and specific items and features that have possible legal implications. It is unlikely the legal adviser will read the whole report so the RICS member must clearly highlight the relevant legal matters and remind the clier they should bring these matters to the attention of their legal adviser. A separate legal section in the report is an effective way of achieving this.	nt
Where appropriate, if the situation can be physically resolved, the RICS member will describe what needs to be done (for example, removing/improving unauthorised work, rebuilding a boundary wall or cutting back an overgrown hedge).	LOTS to consider!
This will enable the client's legal adviser to explain in greater detail how these matters may affect ownership of the property.	
4.6.3 Other matters	_
The RICS member should include other features and issues that may have an impact on the property and require further investigation by the legal adviser. This will include a broad range of issues noted during the visual inspection or through the RICS member's knowledge of the locality. A list of these features and issues has been included in appendix F.	
	20





Brief details • We are going to concentrate on the 'walls' section of the report and specifically the main front left-hand (north-west) elevation; • During your inspection, you note that wall seems to form part of the lefthand boundary of the property; • As a result of your careful inspection, you conclude that the wall we are concentrating on is probably built in a mixture of solid and cavity construction, although most of the wall is cavity; • Viewed from the road and because of a closer inspection, you see some horizontal cracking in bed joints at high level every 6 courses of bricks, on either side of the top bedroom window, confirmed when you open the sash from the inside; • The prevailing wind in this location is from the south-west; • There are no significant moisture readings and or visual or other indications of moisture, or other cracking, inside; and • For this exercise, there are no other defects to this, or other, walls. 23

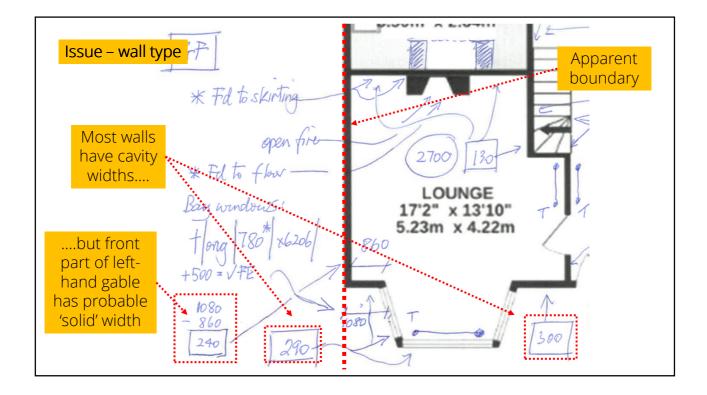


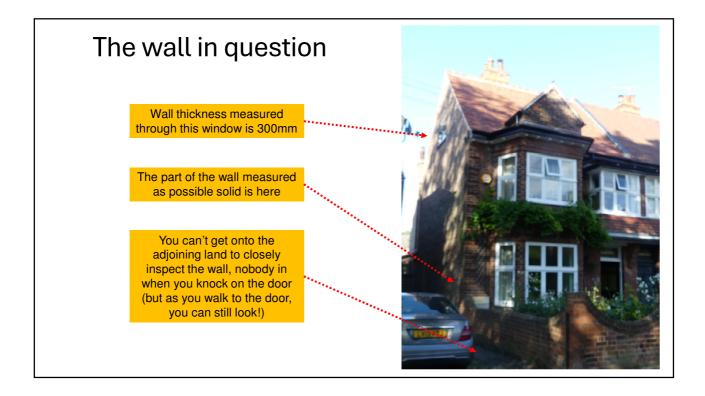


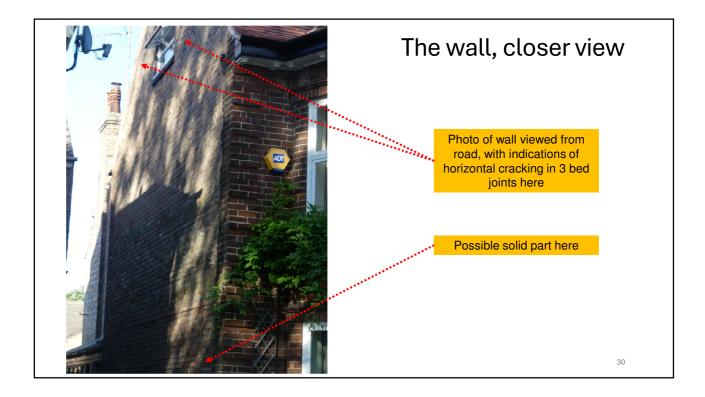
EPC correctly identifies solid and cavity construction	EPC correctly	identifies solid and	cavity construction
--------------------------------------------------------	---------------	----------------------	---------------------

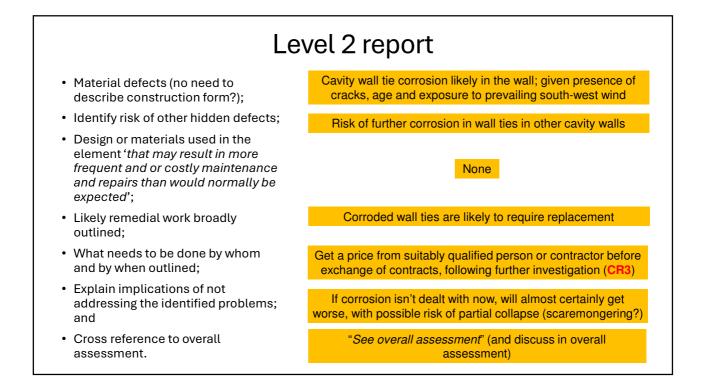
Feature	Description	Rating
Wall	Solid brick, as built, no insulation (assumed)	Very poor
Wall	Cavity wall, as built, no insulation (assumed)	Poor
Roof	Pitched, 100 mm loft insulation	Average
Roof	Roof room(s), no insulation (assumed)	Very poor
Window	Partial double glazing	Very poor
Main heating	Boiler and radiators, mains gas	Good
Main heating control	Programmer, room thermostat and TRVs	Good
Hot water	From main system	Good
Lighting	Low energy lighting in 62% of fixed outlets	Good
Floor	Suspended, no insulation (assumed)	N/A
Floor	Solid, no insulation (assumed)	N/A
Secondary heating	Room heaters, dual fuel (mineral and wood)	N/A

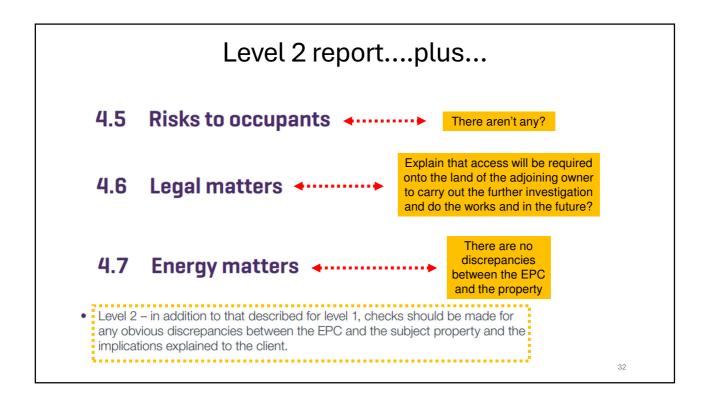
Step 1: Room-in-roof insulation	Cna	anges you co	uld ma
Typical installation cost			£1,500 - £2,700
Typical yearly saving		The DEA (he's	£257
Potential rating after completing step 1		good to your knowledge)	55 D
Step 2: Cavity wall insulation	······	includes the usual	
Typical installation cost	/	recommendation	£500 - £1,500
Typical yearly saving	/	for wall insulation	£61
Potential rating after completing steps 1 and	2		56 D
Step 3: Internal or external wall ins	ulation		
Typical installation cost			£4,000 - £14,000
Typical yearly saving			£236
Potential rating after completing steps 1 to 3			62 D











- Form of construction and materials described in detail, with performance characteristics (important for older buildings, due to movement of moisture);
- Describe obvious defects;
- Describe identifiable risk of hidden defects;
- Outline remedial options;
- Likely consequences if repairs not done (if considered serious);
- Propose a timescale for the necessary work, including further investigation;
- Discuss future maintenance, identifying any such work likely to be more frequent and or costly;
- Identify risks from parts uninspected;
- Outline prioritisation of issues.

Level 3 report

- Solid & cavity construction, including thicknesses? DPC & probable lintel types. Solid walls, possible water ingress + condensation. Cavity walls, possible cwtc
 - Cavity wall tie corrosion likely in the wall; given presence of cracks, age and exposure to prevailing south-west wind

Risk of further corrosion in ties in other walls, possible rot in built-in timbers

Corroded wall ties are likely to require replacement

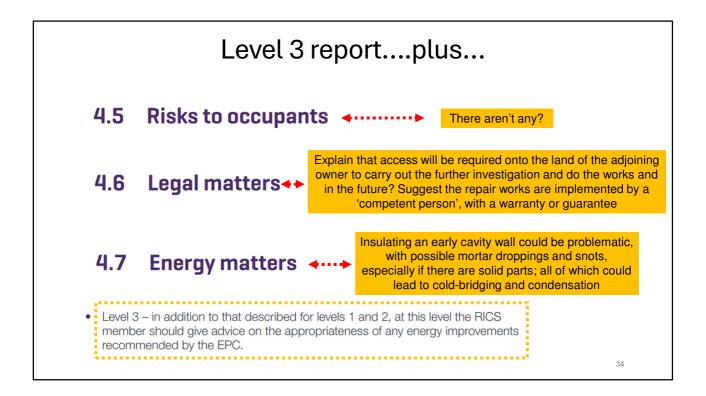
If corrosion isn't dealt with now, will almost certainly get worse, with possible risk of partial collapse (scaremongering?)

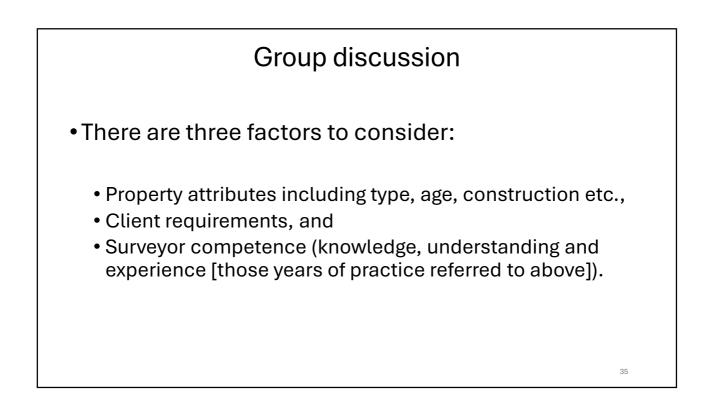
CR3, i.e. immediate, following getting a price from a suitably qualified person or contractor, following further investigation, before exchange of contracts

Renewal of older pointing with a true lime-based mortar as required

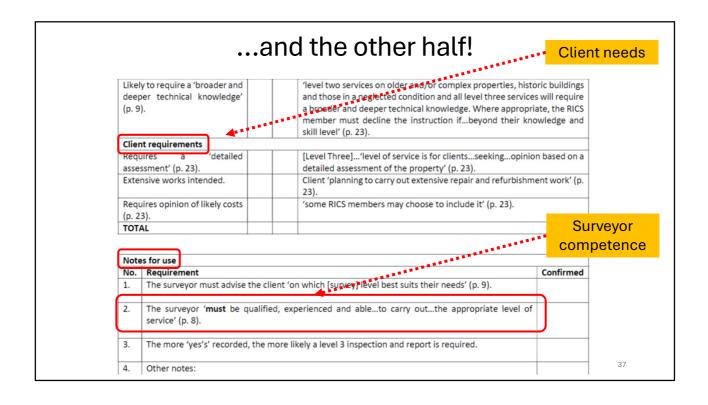
Further corrosion likely in other walls, old-bridges could cause condensation with risk of damage to plaster, decorations and timbers inside

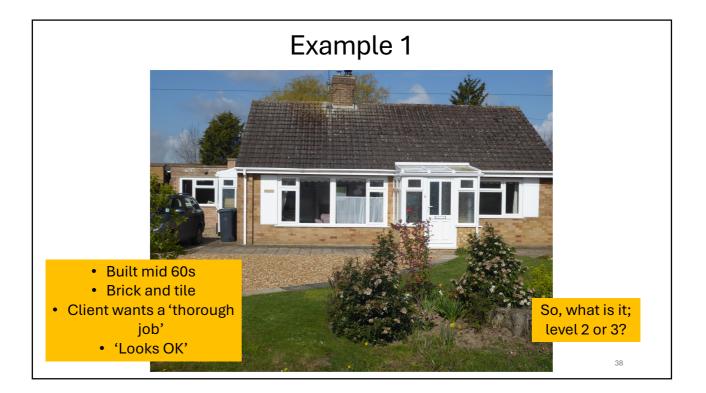
Do urgent works, allow for further similar works in the future, say next 20 years

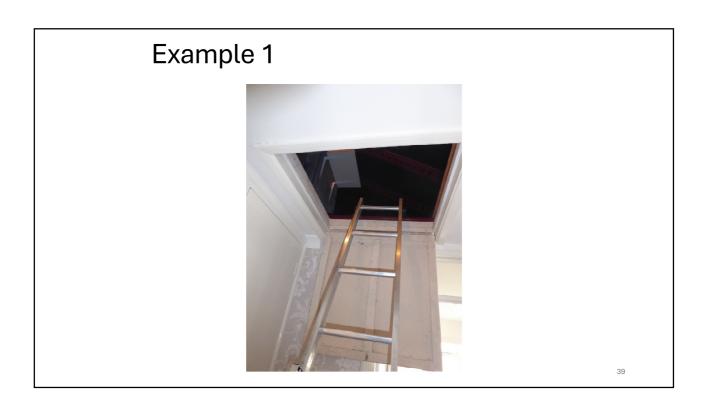


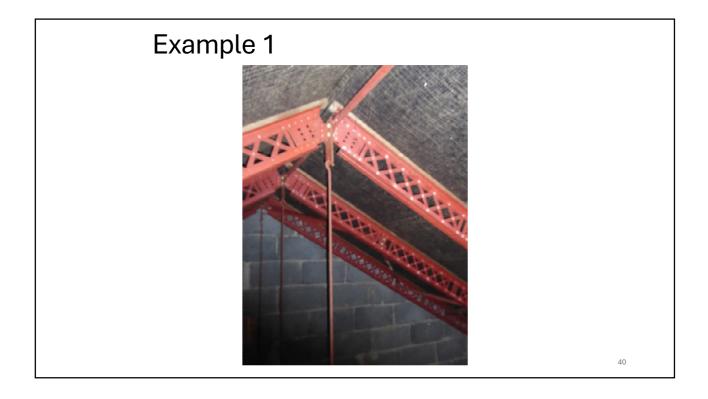


	<u> </u>		theres RICS HSS Level 2 – 3 decision protocol Proper
Property attributes and or other requirements	Yes	No	HSS ref. & Notes
Property-specific issues			
Not 'conventionally built' (p.			p. 9, 22; e.g. 'uncommon housing styles, materials and construction
22).			techniques' (p. 9).
'Unique' (p. 23).			e.g. special design and or materials, MMC, or non-traditional (Airey or
			such like).
'Older'			p. 4 ['(a) residential building constructed using traditional building
			materials and techniques'], 9, 10, 12, 14, 16, 19, 22 & 23.
'Builtbefore 1850' (p. 23).			p. 23.
'Complex' - extended, altered,			'Homesof many different and connected partsexamples include
various construction types.			propertiesextensively altered and extended, and/or are built using
			several different distinct construction methods' (p. 3), 9, 14, 15 & 23.
'Historic'			'building or structure that is listed and/or valued because of its historic,
			archaeological, architectural or artistic interest' (p. 3), 9, 10 & 23.
'Traditional timber frames'	-		p. 23.
'Neglected'.			Property in a dilapidated or very dilapidated condition. p. 22.
Likely to require a 'more			p. 14.
detailed and technical	- A	1	Survey









BlueBox partners RICS HSS Level 2 – 3 decision protocol							
Property attributes and or other requirements	Yes	No	HSS ref. & Notes				
Property-specific issues							
Not 'conventionally built' (p. 22).	~		p. 9, 22; e.g. 'uncommon housing styles, materials and construction techniques' (p. 9).				
'Unique' (p. 23).	~		e.g. special design and or materials, MMC, or non-traditional (Airey or such like).				
'Older'		~	p. 4 ['(a) residential building constructed using traditional building materials and techniques'], 9, 10, 12, 14, 16, 19, 22 & 23.				
'Builtbefore 1850' (p. 23).			p. 23.				
'Complex' – extended, altered, various construction types.		~	'Homesof many different and connected partsexamples include propertiesextensively altered and extended, and/or are built using several different distinct construction methods' (p. 3), 9, 14, 15 & 23.				
'Historic'		~	'building or structure that is listed and/or valued because of its historic, archaeological, architectural or artistic interest' (p. 3), 9, 10 & 23.				
'Traditional timber frames'		√	p. 23.				
'Neglected'.			Property in a dilapidated or very dilapidated condition. p. 22.				
Likely to require a 'more detailed and technical assessment'.	~		p. 14.				
Likely to result in 'numerous referrals for further investigation'.	~		p. 23.				

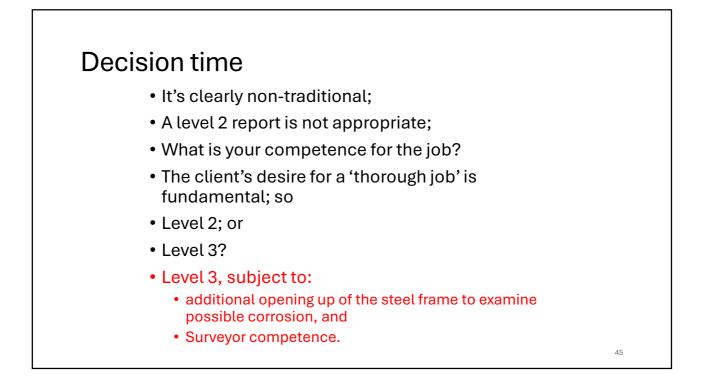
	y to require a 'broader and er technical knowledge').	~		'level two services on older and/or complex properties, histo and those in a neglected condition and all level three services a broader and deeper technical knowledge. Where appropri- member must decline the instruction ifbeyond their kno skill level' (p. 23).	s will require ate, the RICS
Clier	t requirements				
Requasses	ires a 'detailed sment' (p. 23).	✓		[Level Three]'level of service is for clientsseekingopinio detailed assessment of the property' (p. 23).	n based on a
Exte	nsive works intended.	•	~	Client 'planning to carry out extensive repair and refurbishm 23).	ent work' (p.
Requ (p. 2	ires opinion of likely costs 3).		~	'some RICS members may choose to include it' (p. 23).	
TOT	AL				Depends
	Crucial				competer
Note	s for use				
No.	Requirement				Confirmed
1.	The surveyor must advise	the cl	ient 'or	n which [survey] level best suits their needs' (p. 9).	√ ,**
2.	The surveyor ' must be a service' (p. 8).	ualifie	ed, exp	perienced and ableto carry outthe appropriate level of	
3.	The more 'yes's' recorded	, the r	nore li	kely a level 3 inspection and report is required.	✓
					4

Decision time

- It's clearly non-traditional;
- A level 2 report is not appropriate;
- The client's desire for a 'thorough job' is fundamental; so
- Level 2; or

Decision time

- It's clearly non-traditional;
- A level 2 report is not appropriate;
- The client's desire for a 'thorough job' is fundamental; so
- Level 2; or
- Level 3?



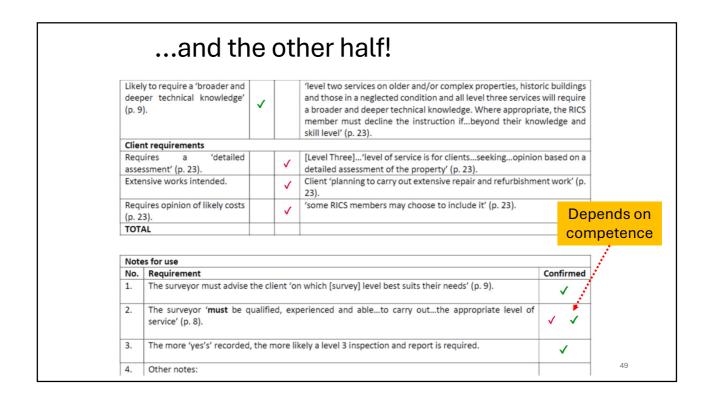




Half a protocol! 🙂

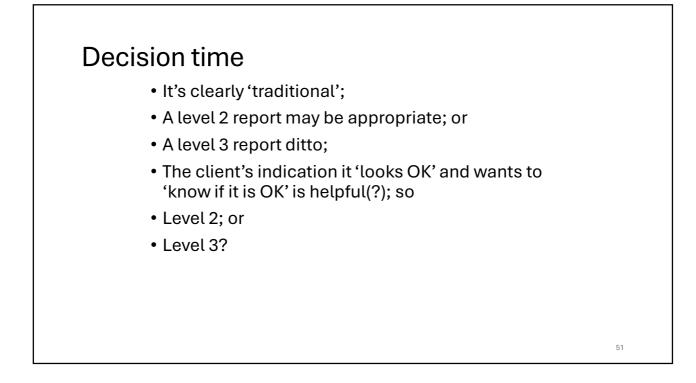
BlueBox partners RICS HSS Level 2 – 3 decision protocol

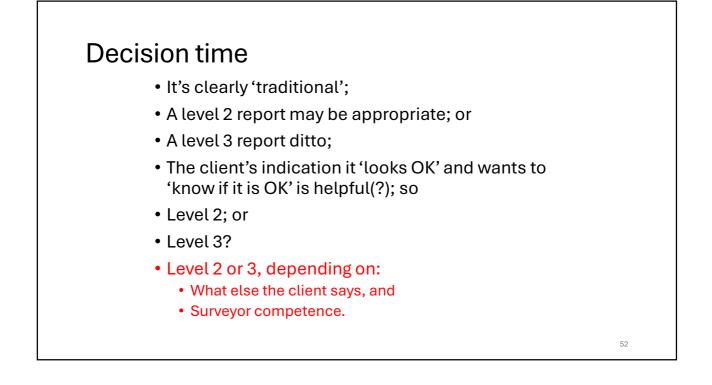
Property attributes and or other requirements	Yes	No	HSS ref. & Notes
Property-specific issues			
Not 'conventionally built' (p. 22).		1	p. 9, 22; e.g. 'uncommon housing styles, materials and construction techniques' (p. 9).
'Unique' (p. 23).		1	e.g. special design and or materials, MMC, or non-traditional (Airey or such like).
'Older'	~		p. 4 ['(a) residential building constructed using traditional building materials and techniques'], 9, 10, 12, 14, 16, 19, 22 & 23.
'Builtbefore 1850' (p. 23).		1	p. 23.
'Complex' – extended, altered, various construction types.		~	'Homesof many different and connected partsexamples include propertiesextensively altered and extended, and/or are built using several different distinct construction methods' (p. 3), 9, 14, 15 & 23.
'Historic'		1	'building or structure that is listed and/or valued because of its historic, archaeological, architectural or artistic interest' (p. 3), 9, 10 & 23.
'Traditional timber frames'			p. 23.
'Neglected'.		 Image: A main and the second se	Property in a dilapidated or very dilapidated condition. p. 22.
Likely to require a 'more detailed and technical assessment'.	~	* / * /	p. 14.
Likely to result in 'numerous referrals for further investigation'.	~	~	p. 23.

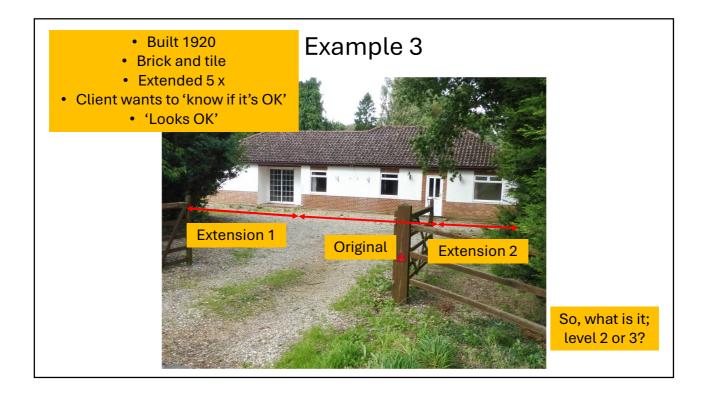


Decision time

- It's clearly 'traditional';
- A level 2 report may be appropriate; or
- A level 3 report ditto;
- The client's indication it 'looks OK' and wants to 'know if it is OK' is helpful(?); so
- Level 2; or









a protocol! (***) BlueBox <i>partners</i> RICS HSS Level 2 – 3 decision protocol							
Property attributes and or other requirements	Yes	No	HSS ref. & Notes				
Property-specific issues							
Not 'conventionally built' (p. 22).		~	p. 9, 22; e.g. 'uncommon housing styles, materials and construction techniques' (p. 9).				
'Unique' (p. 23).		~	e.g. special design and or materials, MMC, or non-traditional (Airey or such like).				
'Older'		~	p. 4 ['(a) residential building constructed using traditional building materials and techniques'], 9, 10, 12, 14, 16, 19, 22 & 23.				
'Builtbefore 1850' (p. 23).			p. 23.				
'Complex' – extended, altered, various construction types.	~		'Homesof many different and connected partsexamples include propertiesextensively altered and extended, and/or are built using several different distinct construction methods' (p. 3), 9, 14, 15 & 23.				
'Historic'		~	'building or structure that is listed and/or valued because of its historic, archaeological, architectural or artistic interest' (p. 3), 9, 10 & 23.				
'Traditional timber frames'			p. 23.				
'Neglected'.			Property in a dilapidated or very dilapidated condition. p. 22.				
Likely to require a 'more detailed and technical assessment'.	~		p. 14.				
Likely to result in 'numerous referrals for further investigation'.		1	p. 23.				

Likely to require a 'broader and deeper technical knowledge' (p. 9).	~	'level two services on older and/or complex properties, hist and those in a neglected condition and all level three service a broader and deeper technical knowledge. Where appropr member must decline the instruction ifbeyond their kn skill level' (p. 23).	es will require iate, the RICS
Client requirements			
Requires a 'detailed assessment' (p. 23).	1	[Level Three]'level of service is for clientsseekingopinio detailed assessment of the property' (p. 23).	on based on a
Extensive works intended.	1	Client 'planning to carry out extensive repair and refurbishm 23).	nent work' (p.
Requires opinion of likely costs (p. 23).	 ✓ 	'some RICS members may choose to include it' (p. 23).	De
TOTAL			со
Notes for use			
No. Requirement			Confirmed
	the client 'c	on which [survey] level best suits their needs' (p. 9).	✓
2. The surveyor 'must be a service' (p. 8).	qualified, ex	sperienced and ableto carry outthe appropriate level of	1
3. The more 'yes's' recorded	, the more l	likely a level 3 inspection and report is required.	~
4. Other notes:			

