

HIGH-LEVEL TACTILE INSPECTIONS

SAMPLING PHASE 1
REPORT
Kelso Abbey
PIC151



HISTORIC
ENVIRONMENT
SCOTLAND

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Document Control

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V0001	30/08/2021	Draft	[REDACTED]	First draft
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HLTI Sampling: Report - Introduction



PIC ID # ↓	PIC151	Site name	Kelso Abbey		
Inspection start	09/08/2021	Inspection end	11/08/2021	Submission	07/09/2021
Lead HBFA	[REDACTED]				
Sample Inspectors	[REDACTED]				

Introduction:

As a result of findings on the first four full site High Level Tactile Inspections, SMT endorsed an accelerated programme that will see high-level tactile sample inspection carried out initially to 16 sites identified as having a high risk potential.

Sample inspection of Kelso Abbey was carried out in accordance with HES Management of Risk presented by High-level Fabric Policy and High level Tactile Inspection Procedures.

The High level tactile inspections covered three sample areas. These were the West elevation and entrance door; the North elevation and entrance door; and the North West and South West corner inbetween the North and West doorways. All areas were agreed in advance by the T1 team and the Region) and completed using a MEWP.

HLF Inspection Risk Matrix:

HES-T1C-HLF-RAS-X-X-V0200-RiskMatrix

Consequence \ Probability		1	2	3	4	5
		No injury	Minor injury	Moderate injury	Major injury	Fatal or life-altering injury
5	Fabric fall almost certain	5	10	15	20	25
4	Fabric fall highly likely	4	8	12	16	20
3	Fabric fall likely	3	6	9	12	15
2	Fabric fall unlikely	2	4	6	8	10
1	Fabric fall highly unlikely	1	2	3	4	5

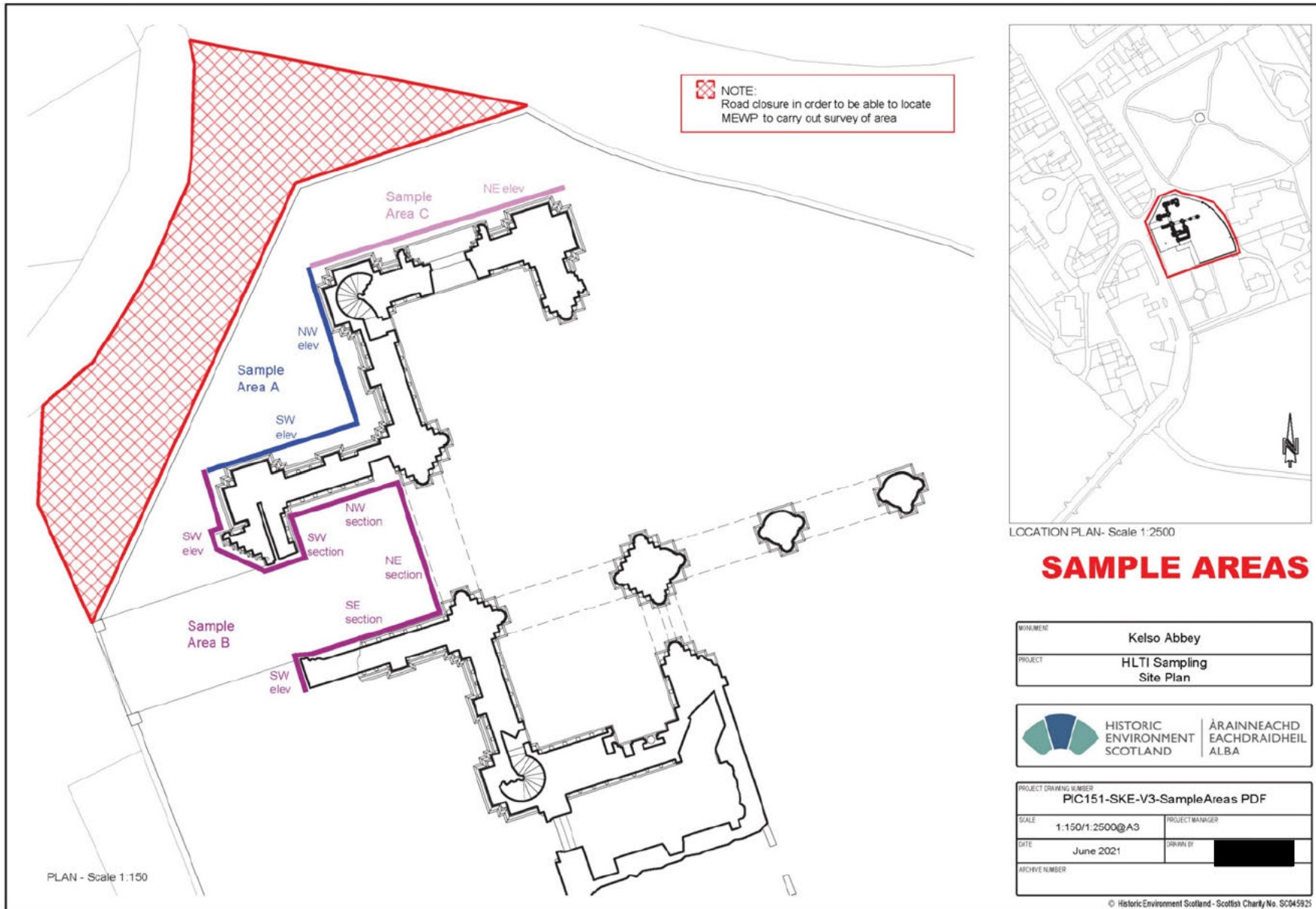
RISK RATING	RISK SCORE RANGE
High	15-25
Medium	10- 14
Low	1-9

HLTI Sample Areas:

Area:	Colour:	Sample Area Name:
A	[Blue]	SW & NW External Elevations
B	[Purple]	Galilee Internal Elevations & West Door External Elev.
C	[Pink]	NW External Elevations North Door



Click on link to open drawing in PDF viewer: [PIC151-SKE-V3-SampleAreas.pdf](#)





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HLTI Sampling: Report - Summary dashboard



PIC ID#	PIC151	Submission	07/09/2021
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Select Sample area of which data should be displayed ↓	All areas	Number of observations	156
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Identified Risk



Residual Risk



Inspection Action:

Class V Report = Fabric detached during tactile inspection	Access Restriction = Risk of fabric falling and causing harm			Monitor Observation / Plan Repairs = No immediate action
	High = Full site closure	Medium = Partial site closure	Low = Minor access restriction	
26	0	11	22	102

Inspection types:	Tactile	152	Visual	4
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Key comments:

Kelso Abbey sample high level inspection commenced on Monday 9th August with the discovery of a stone fall , comprising of several sections of bottle moulding, that had fallen during the preceeding weekend, from an area selected for inspection. Fortunately, this stone fall had landed within the Kelso Abbey site boundary, which was closed to public access at the time.

The sample inspection at Kelso Abbey found that the stone was generally friable and susceptible to surface separation leading to substantial sections of fabric being at risk of falling. This resulted in a large number of fabric detachments being found, recorded and removed for safety. These will be submitted in a Class V notification report to HM.

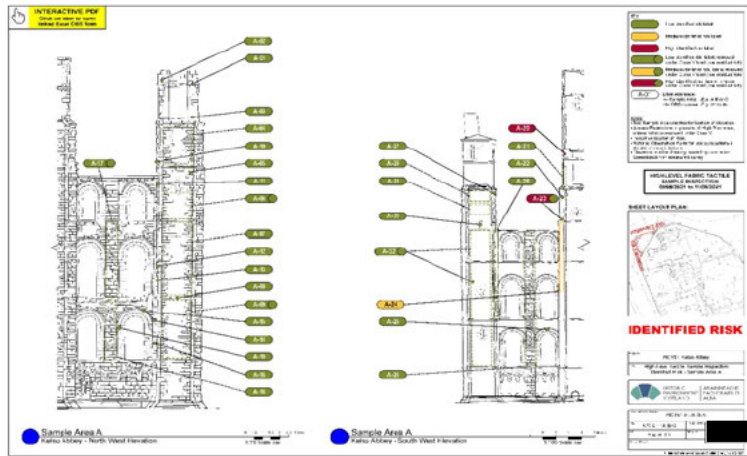
High risk of falls were found in all the sample inspection areas, with the greatest high level risks around the West entrance. Several high risks of fabric falls were found on the elevations facing the public road. Following the sample high level tactile inspection, an on site meeting was held with the District Architect to ensure that any risk of fabric falling from the monument towards public areas was adequately considered and managed.

Whilst carrying out the tactile inspection, the Tier 1 Compliance Team collated data regarding measurements of cracks so that the records maintained by the Engineering Team could be updated with current data.



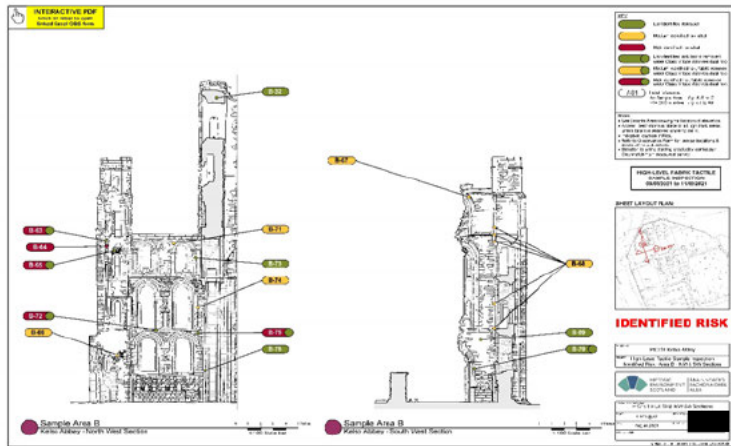
Click on link below image to open Interactive PDF in PDF viewer. In PDF viewer, the drawing is an interactive PDF, click on the labels to open the relevant OBS form for further information.

Sample Area A

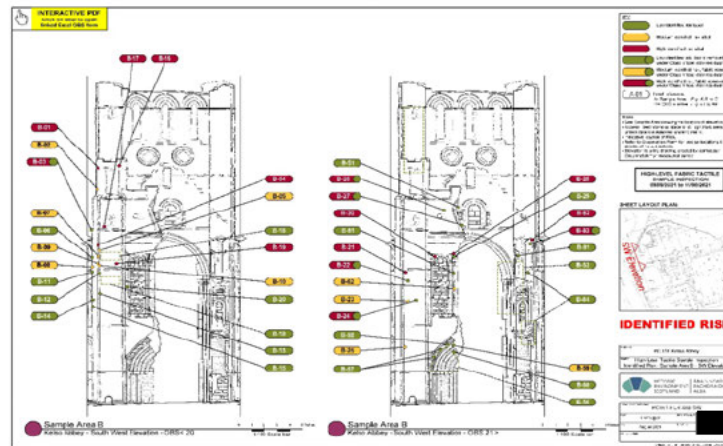


[PIC151-HLR-SI-A](#)

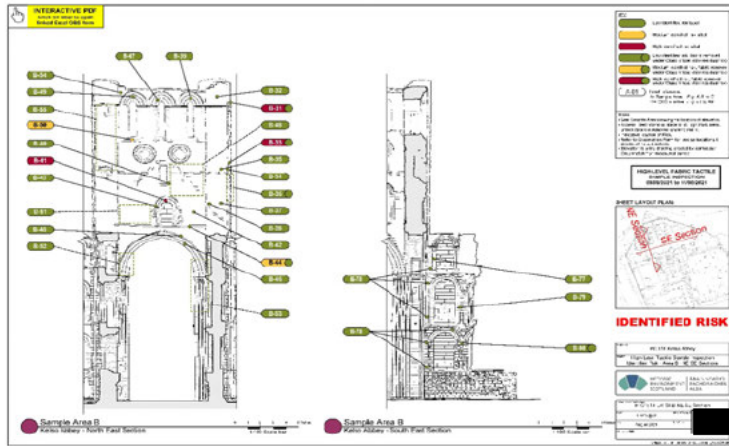
Sample Area B



[PIC151-HLR-SI-B -NW SW sect](#)

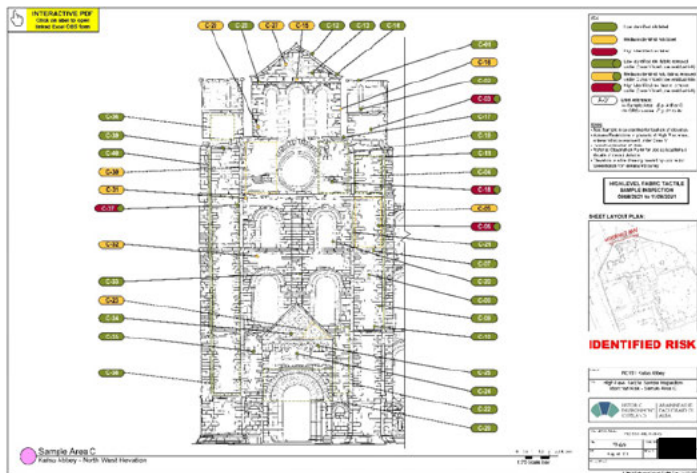


[PIC151-HLR-SI-B-SW](#)



[PIC151-HLR-SI-B-NE SE sect](#)

Sample Area C



[PIC151-HLR-SI-C](#)