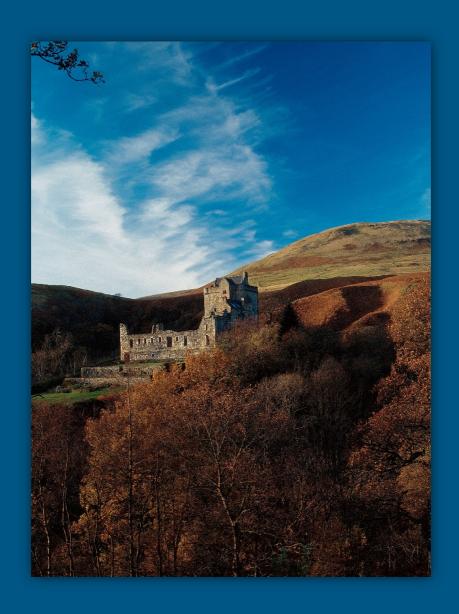
High Level Masonry Project Tactile safety inspection of high-level fabric

REPORT Castle Campbell PIC016



December 2022



CONTROL SHEET

Document Control

Title:	Tactile safety inspection of high-level fabric Report PIC016 Castle Campbell
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Version	Date	Status	Prepared by	Amendments
V0001	06/02/2023	Draft		N/A Document Creation
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Template version: PICxxx-T1C-HLF-REP-YYYYMMDD-X-V0500-Report

High-Level Tactile Inspection: Report - Introduction



PIC ID # ↓	PIC016	Site name	Castle Campbell		
Inspection start	30/01/2023	Inspection end	08/02/2023	Submission	01/03/2023
Lead inspector					
Other inspectors					

Introduction:

The High-Level Fabric Inspection was lead by (Lead Inspector) and carried out with a team of Inspectors (as named above) from 30/01/2023-10/02/2023

The HLM Inspection Team assessed 29/29 zones covering the whole monument, using a range of high level access equipment. For further information please refer to tab **5.** Access **Scope.**

N.B. For limitations of inspection and areas not inspected, please refer to tab 5. Access Scope.

Please note that following the inspection, the Engineer provided a supplementary report for information:

PIC016-CIV-INP-20230223-V0001-Lintels

HLF Inspection Risk Matrix:

HES-T1C-HLF-RAS-X-X-V0300-RiskMatrix

Consequence		1	2	3	4	5
Probability		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	œ	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

High-Level Tactile Inspection: Report - Introduction



Re-inspection frequency: (in years)

		Annual Visitor Numbers				
		up to 5 k	5-20 k	20 - 100 k	100k - 2m	over 2 m
Risk	Low	5 years	5 years	5 years	4 years	4 years
ldentified Risk Rating	Medium	3 years	3 years	2.5 years	2 years	2 years
- P	High	1 year	1 year	1 year	1 year	0.5 year

Link to 3D model:

N/A

HL Zones:

		,
Zone:	Colour:	Zone Name:
1		Tower. East Elevation
2		Tower. North Elevation
3		Tower. West Elevation inc stairs
4		Tower. South Elevation inc roof pitch & remains of East Elevation
5		Tower. Caphouse roof and chimneys
6		Curtain Wall. North Exterior
7		Curtain Wall. West Exterior
8		Curtain Wall. South Exterior
9		East Range. East Exterior Wall
10		Gatehouse Pend
11		Curtain Wall. North. Interior
12		Curtain Wall. West. Interior
13		East Range. Roof. West pitch
14		East Range. Roof. East pitch
15		East Range. Exterior. West Elevation
16		East Range. Loggia. West elevation and interior
17		East Range. Stair Turret. North and West Elevations
18		East Range. Stair Turret. Interior inc passages (2) to Hall
19		Courtyard. Corridor Retaining Wall. South Elevation
20		Hall and Chamber Range. Exterior. North Elevation
21		Hall and Chamber Range. Interior. North Elevation inc stair tower
22		Hall and Chamber Range. Interior. East Elevation
23		Hall and Chamber Range. Interior. South Elevation inc 2 x latrines
24		Hall and Chamber Ranger. Exterior. Pend inc West facing retaining wall

High-Level Tactile Inspection: Report - Introduction

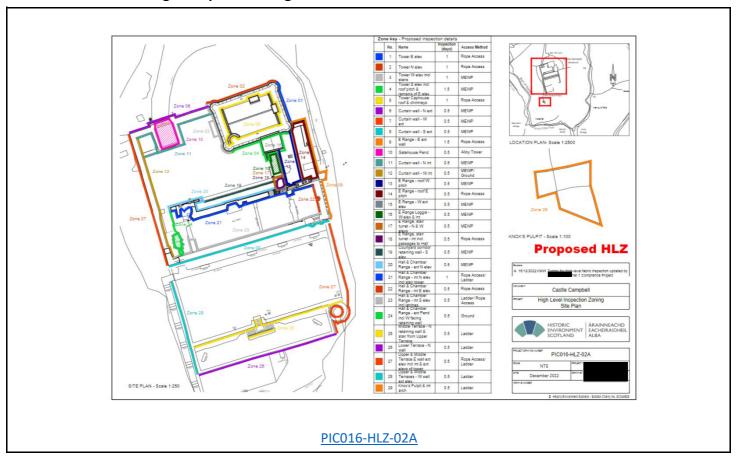


25	Middle Terrace. North retaining wall and stairs from Upper Terrace
26	Lower Terrace. North Wall
27	Upper and Middle Terraces. East Wall. External Elevation inc Internal and External Elevations of t
28	Upper and Middle Terraces. West Wall. External Elevation
29	Knox's Pulpit. All elevations and internal arch

High-Level Tactile Inspection: Report - High-Level Zoning Drawings



Click on link below image to open drawing in PDF viewer:

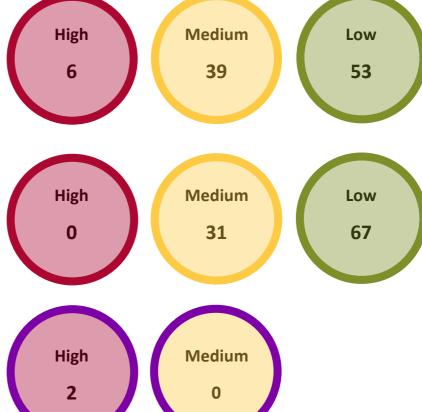


High-Level Tactile Inspection: Report - Summary dashboard





Identified Risk



Residual Risk

After Inspection Action

Residual Risk

Mitigated with applied Access Restriction in place

High	Medium
2	0

Inspection Action:						
Monitor Observation	Plan Repairs	Fabric detached During tactile		Access Restriction bric falling and ca		
= No immediate action	o immediate = No immediate action	inspection (Former Class V)	Full site, notifiable	Partial site, notifiable	Partial site, not notifiable	
30	49	17	0	0	2	

Inspection types:	Tactile	97
	Visual	1

High-Level Tactile Inspection: Report - Summary dashboard



Key comments:

KEY FINDINGS

- MCU Repaired majority of High Level Masonry that was loose / removed
- Agreement with DA / DWM / RWM to remove loose stone and store on site

PREDOMINANT RISKS:-

- Access To site with plant & Equipment from Car Park
- -Undulating Ground within Castle Courtyard which becomes treacherous when wet
- Tight Access with MEWP to Top Terrace
- Steep Slope around external parts of Castle
- Members of Public accessing the area leading to the castle

N.B. For limitations of ins	spection and areas not insp	pected, please also	refer to tab 5. Access Sco	ope.
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Inspection Action:									
Monitor Observation = No immediate action	Plan Repairs = No immediate action	Fabric detached During tactile inspection (Former Class V)	Access Restriction Risk of fabric falling and causing harm						
			Full site, notifiable	Partial site, notifiable	Partial site, not notifiable				
30	49	17	0	0	2				

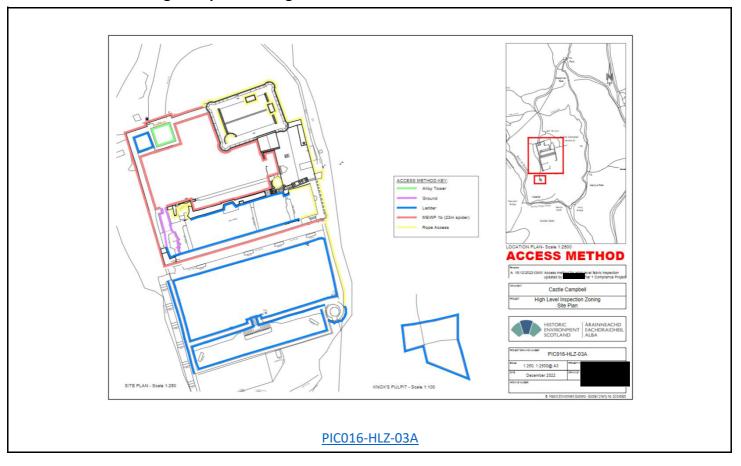


High-Level Tactile Inspection: Report - Access Scope						
PIC ID #	PIC016	Site name	Castle Campbell			
Access methods	: Select all met	thods used to condu	ction inspection $oldsymbol{ u}$			
MEWP	Yes	Design Scaffold		Alloy Tower Scaffold		
Rope Access	Yes	Steeplejack		Ladder	Yes	
Ground	Yes	Binoculars / Ph	oto	UAV		
Other method		If yes, details:				
Ground protection	/ tracking requ	ıired:	Yes			
External Contractor	appointed for	access requirments	: Yes			
Inspection info:						
Limitations of inspection:	No Limitation	ons when inspecting				
Areas not inspected	d: N/A - All zo	nes inspected.				

High-Level Tactile Inspection: Report - Access Scope



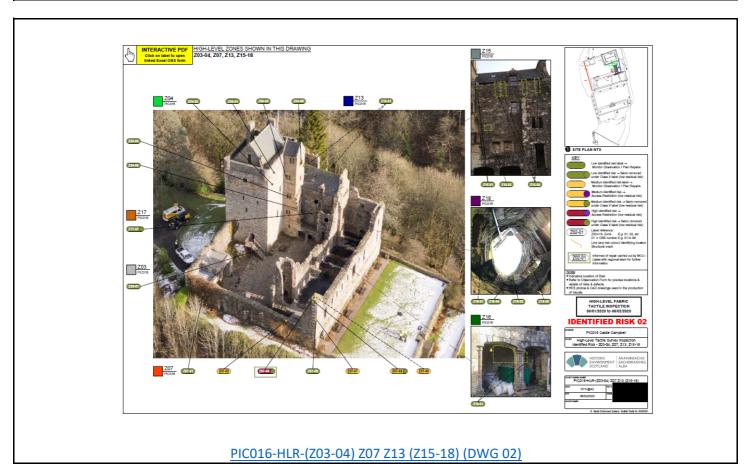
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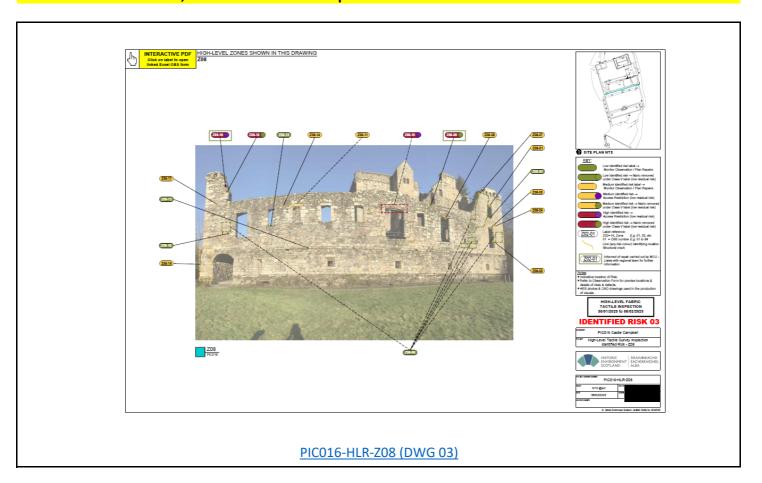


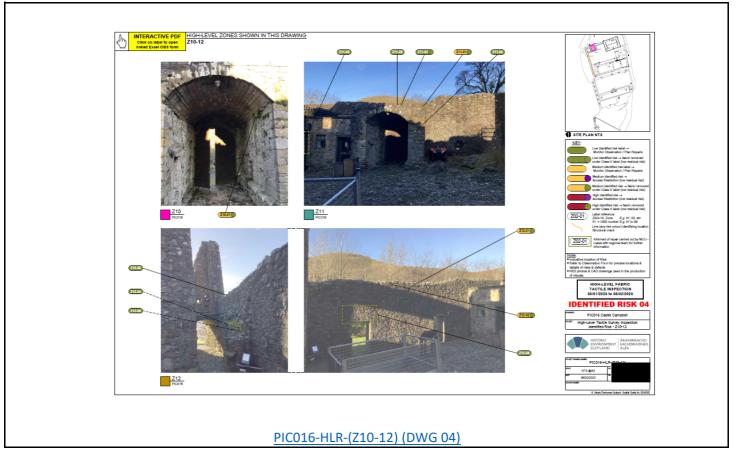


High-Level Tactile Inspection: Report - Risk Drawings



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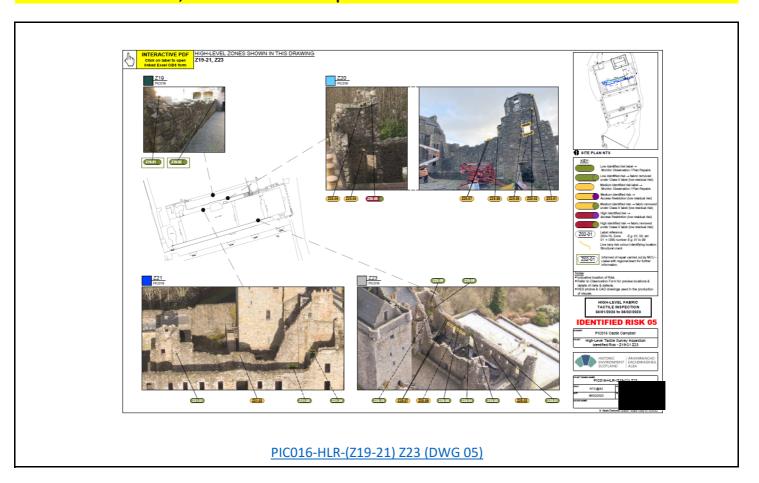


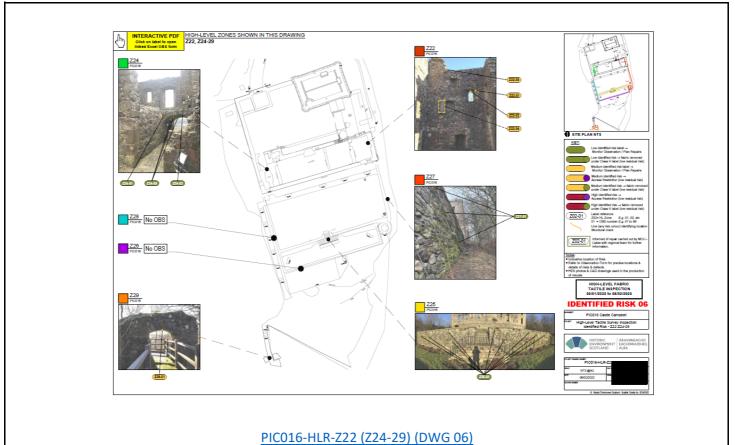


High-Level Tactile Inspection: Report - Risk Drawings



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High-Level Tactile Inspection: Report - Access Restrictions Plan



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