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

# REPORT Castle Sween PIC060



December 2022



#### **CONTROL SHEET**

#### **Document Control**

Title:	Tactile safety inspection of high-level fabric Report PIC060 Castle Sween					
Authors:						
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Version Number:	V0100					

#### **Version Control**

Version	Date	Status	Prepared by	Amendments
V0001	12/12/2022	Draft		N/A Document Creation
V0100	07/03/2023	Approved		First Issue

Template version: PICxxx-T1C-HLF-REP-YYYYMMDD-X-V0500-Report

#### High-Level Tactile Inspection: Report - Introduction



PIC ID # ↓	PIC060	Site name	Castle Sween		
Inspection start	21/02/2023	Inspection end	01/03/2023	Submission	07/03/2023
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 20.02.2023 - 03.03.2023

The HLM Inspection Team assessed 14/14 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.

#### **HLF Inspection Risk Matrix:**

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

Co	onsequence	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	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

# High-Level Tactile Inspection: Report - Introduction



# Re-inspection frequency: (in years) NO DATA AVAILABLE

		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		
Identified Risk Rating	Medium	3 years	3 years	2.5 years	2 years	2 years		
Іері	High	1 year	1 year	1 year	1 year	0.5 year		

# Link to 3D model:

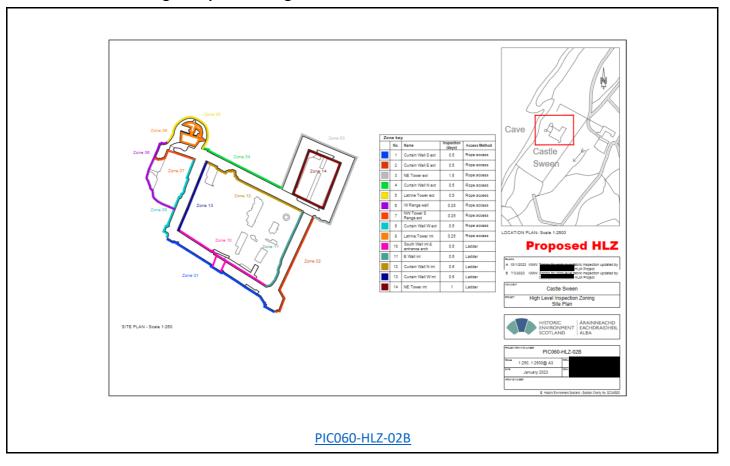
#### **HL Zones:**

Zone:	Colour:	Zone Name:
1		Curtain Wall South Ext
2		Curtain Wall East Ext
3		NE Tower Ext
4		Curtain Wall Ext N
5		Latrine Tower Ext
6		West Range Wall
7		NW Tower South Range Ext
8		Curtain Wall West Ext
9		Latrine Tower Internal
10		South Wall internal & entrance arch
11		East Wall Internal
12		Curtain Wall Int
13		Curtain Wall West Int
14		North East Tower Int

# 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





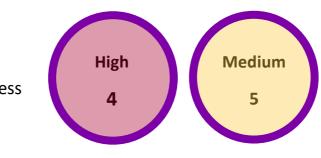
# **Identified Risk**

**Residual Risk** 



# **After Inspection Action**

**Residual Risk** Mitigated with applied Access Restriction in place



Inspection Action:							
Monitor Observation	Plan Repairs	Fabric detached  During tactile	Diely of folysis follows and according house				
= No immediate action	= No immediate action	inspection (Former Class V)	Full site, notifiable	Partial site, notifiable	Partial site, not notifiable		
23	21	21	1	1	3		

Inspection types:	Tactile	70
	Visual	0

#### High-Level Tactile Inspection: Report - Summary dashboard



#### **Key comments:**

#### **KEY FINDINGS**

- Generally site in good condition
- -Vegetation Growth on wall heads requires to be removed
- Repairs carried out where required at accessible points
- Three access restrictions recommended if site is to open (Risk Sketch on TEAMS)

PREDOMINANT RISKS:-

- Undulating ground- accessing /egress from site
- Steep banks surrounding the castle
- Close working to water

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



Inspection Action:							
Monitor Observation = No immediate action	Plan Repairs	Fabric detached  During tactile	Access Restriction Risk of fabric falling and causing harm				
	= No immediate action	inspection (Former Class V)	Full site, notifiable	Partial site, notifiable	Partial site, not notifiable		
23	21	21	1	1	3		

#### High-Level Tactile Inspection: Report - Access Scope

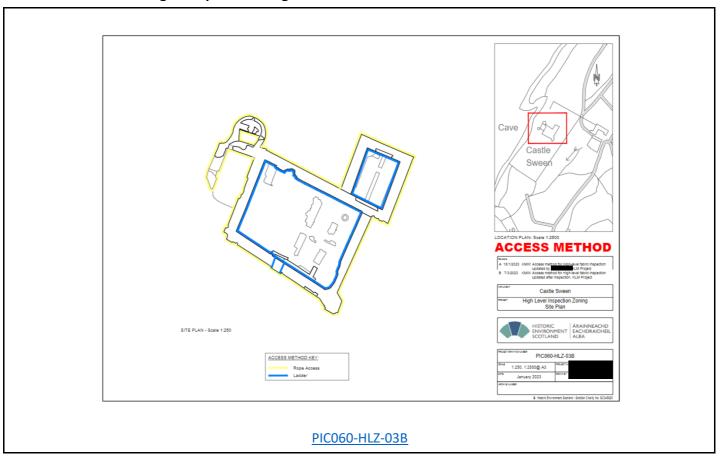


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PIC ID#	PIC060	Site na	me	Castle Sween		
Access method	<b>s:</b> Select all m	ethods used t	o condu	ction inspection $oldsymbol{\psi}$		
MEWP		Design	Scaffold		Alloy Tower Scaffold	
Rope Access	Yes	Steeple	jack		Ladder	Yes
Ground		Binocul	ars / Pho	oto Yes	UAV	
Other method		If yes, details	S:			
Ground protection	n / tracking red	quired:				
External Contracto	or appointed f	or access requ	uirments	:		
Inspection info	:					
Limitations of inspection:						
Areas not inspect	ed:					

# High-Level Tactile Inspection: Report - Access Scope



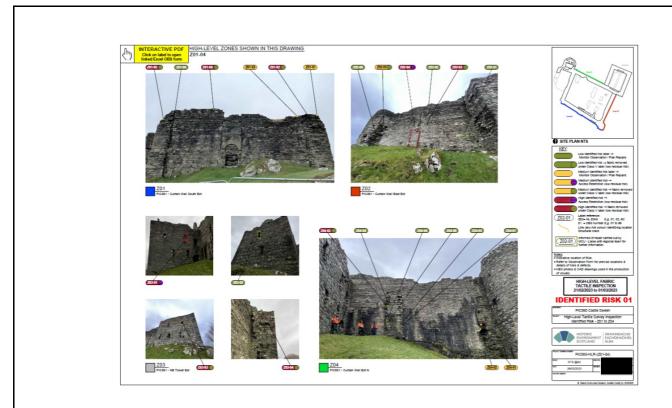
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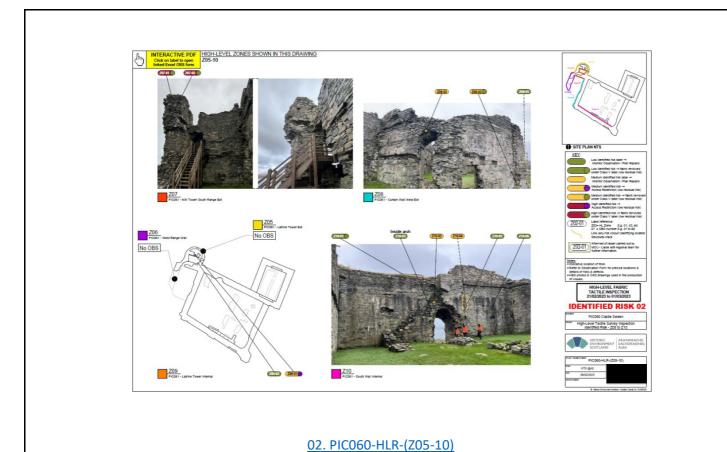
#### High-Level Tactile Inspection: Report - Risk Drawings



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.



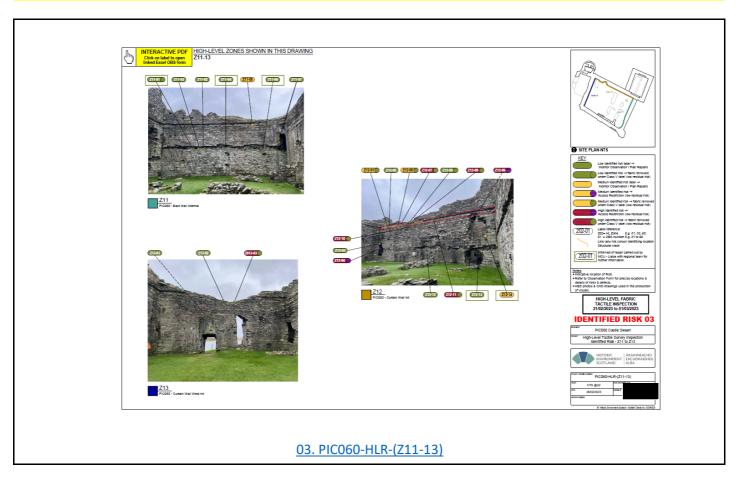
01. PIC060-HLR-(Z01-04)

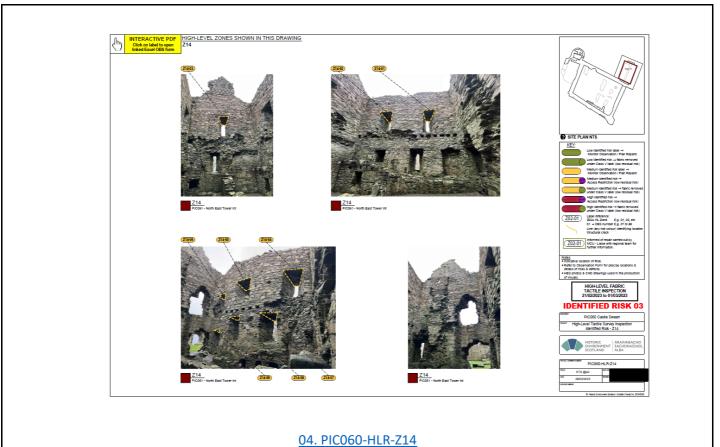


#### High-Level Tactile Inspection: Report - Risk Drawings



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.





# High-Level Tactile Inspection: Report - Access Restrictions Plan



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

